

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
 Data File : BF136059.D
 Acq On : 31 Oct 2023 19:08
 Operator : CG\JU
 Sample : 04974-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Nov 01 00:35:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	132594	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	475274	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	200953	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	350321	20.000	ng	0.00
76) Chrysene-d12	14.021	240	301294	20.000	ng	0.00
86) Perylene-d12	15.509	264	272198	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	892376	105.758	ng	0.01
7) Phenol-d6	6.463	99	1062063	101.022	ng	0.00
23) Nitrobenzene-d5	7.386	82	615070	78.014	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	235150	109.631	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1011181	80.214	ng	0.00
79) Terphenyl-d14	12.957	244	1127763	58.168	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	166609	45.345	ng	99
3) Pyridine	3.416	79	394843	39.370	ng	99
4) n-Nitrosodimethylamine	3.381	42	197760	47.163	ng	94
6) Aniline	6.504	93	414054	30.420	ng	98
8) 2-Chlorophenol	6.610	128	415826	46.095	ng	99
9) Benzaldehyde	6.375	77	139887	23.863	ng	99
10) Phenol	6.475	94	501020	46.076	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	410730	48.249	ng	98
12) 1,3-Dichlorobenzene	6.769	146	447008	47.609	ng	99
13) 1,4-Dichlorobenzene	6.845	146	450356	47.862	ng	100
14) 1,2-Dichlorobenzene	6.992	146	426468	48.471	ng	97
15) Benzyl Alcohol	6.969	79	327717	43.963	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	539904	46.078	ng	99
17) 2-Methylphenol	7.081	107	309671	40.465	ng	98
18) Hexachloroethane	7.333	117	146194	44.205	ng	96
19) n-Nitroso-di-n-propyla...	7.239	70	254728	42.405	ng	95
20) 3+4-Methylphenols	7.233	107	367884	39.422	ng	96
22) Acetophenone	7.233	105	514463	48.816	ng	# 89
24) Nitrobenzene	7.410	77	383696	48.113	ng	100
25) Isophorone	7.645	82	686616	46.130	ng	100
26) 2-Nitrophenol	7.722	139	192532	52.914	ng	97
27) 2,4-Dimethylphenol	7.763	122	279521	40.654	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	438523	48.085	ng	99
29) 2,4-Dichlorophenol	7.963	162	297410	45.883	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	340875	48.207	ng	99
31) Naphthalene	8.128	128	1059955	46.249	ng	99
32) Benzoic acid	7.869	122	226969	41.931	ng	98
33) 4-Chloroaniline	8.180	127	239463	23.858	ng	97
34) Hexachlorobutadiene	8.245	225	200240	49.380	ng	99
35) Caprolactam	8.545	113	76035	36.076	ng	97
36) 4-Chloro-3-methylphenol	8.657	107	289510	42.544	ng	97
37) 2-Methylnaphthalene	8.822	142	641821	41.765	ng	99
38) 1-Methylnaphthalene	8.922	142	608121	42.523	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	305550	53.315	ng	99
41) Hexachlorocyclopentadiene	8.975	237	93711	30.607	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	189384	50.682	ng	99

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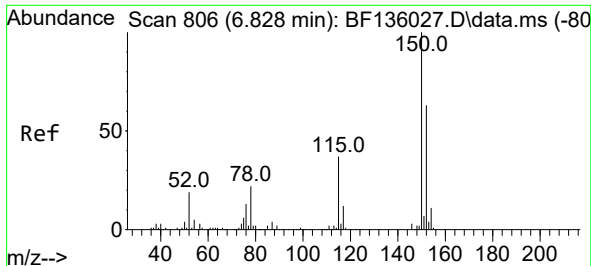
Quant Time: Nov 01 00:35:59 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	201355	46.518	ng	99
46) 1,1'-Biphenyl	9.286	154	780452	50.947	ng	99
47) 2-Chloronaphthalene	9.310	162	582470	51.577	ng	99
48) 2-Nitroaniline	9.404	65	166601	49.848	ng	98
49) Acenaphthylene	9.727	152	884276	50.193	ng	99
50) Dimethylphthalate	9.592	163	664508	50.132	ng	99
51) 2,6-Dinitrotoluene	9.651	165	139054	49.049	ng	98
52) Acenaphthene	9.898	154	578305	51.636	ng	98
53) 3-Nitroaniline	9.816	138	133155	40.253	ng	92
54) 2,4-Dinitrophenol	9.922	184	59854	43.048	ng	93
55) Dibenzofuran	10.074	168	780860	47.815	ng	99
56) 4-Nitrophenol	9.980	139	246741	99.718	ng	99
57) 2,4-Dinitrotoluene	10.057	165	174872	48.752	ng	87
58) Fluorene	10.416	166	590777	48.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	158042	45.925	ng	100
60) Diethylphthalate	10.292	149	601703	47.509	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	279176	45.740	ng	98
62) 4-Nitroaniline	10.433	138	135340	42.489	ng	94
63) Azobenzene	10.569	77	550561	45.139	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	43184	25.519	ng	96
66) n-Nitrosodiphenylamine	10.527	169	508198	48.089	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	175216	47.706	ng	97
68) Hexachlorobenzene	10.963	284	199354	50.821	ng	# 91
69) Atrazine	11.063	200	171780	59.743	ng	98
70) Pentachlorophenol	11.163	266	236369	93.826	ng	96
71) Phenanthrene	11.386	178	1186425	67.262	ng	98
72) Anthracene	11.433	178	953472	52.753	ng	100
73) Carbazole	11.592	167	837894	53.347	ng	99
74) Di-n-butylphthalate	11.933	149	909213	50.661	ng	100
75) Fluoranthene	12.580	202	1438748	79.399	ng	100
77) Benzidine	12.704	184	405091	68.981	ng	99
78) Pyrene	12.810	202	1417423	53.360	ng	100
80) Butylbenzylphthalate	13.439	149	415566	43.705	ng	99
81) Benzo(a)anthracene	14.009	228	1144283	57.368	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	354361	55.662	ng	99
83) Chrysene	14.045	228	1069557	54.448	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	517804	46.742	ng	99
85) Di-n-octyl phthalate	14.627	149	1020304	61.481	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	725770	40.797	ng	99
88) Benzo(b)fluoranthene	15.074	252	989289	61.422	ng	99
89) Benzo(k)fluoranthene	15.104	252	819755	51.439	ng	98
90) Benzo(a)pyrene	15.445	252	771629	51.561	ng	99
91) Dibenzo(a,h)anthracene	17.050	278	568895	39.040	ng	99
92) Benzo(g,h,i)perylene	17.492	276	576958	35.574	ng	98

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

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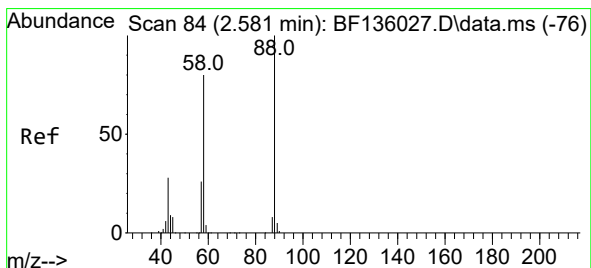
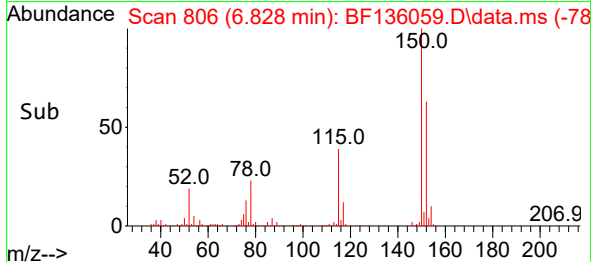
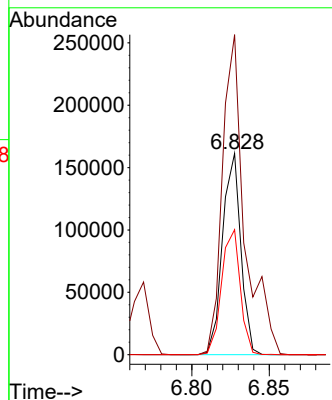
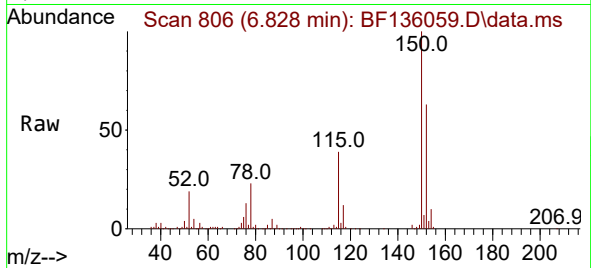




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

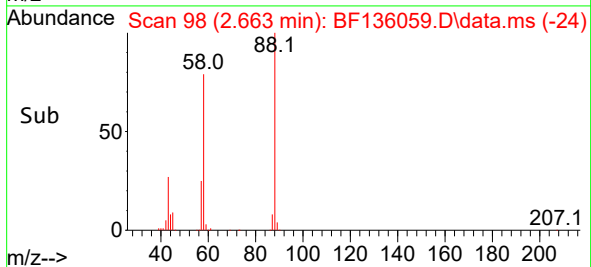
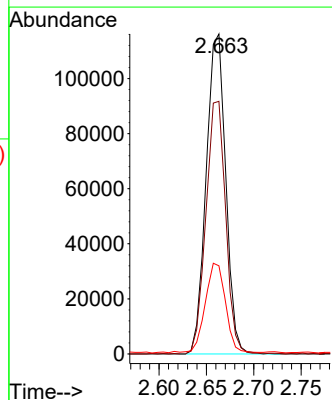
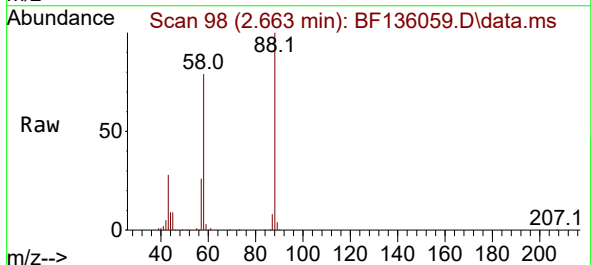
Instrument :
 BNA_F
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 TP-4MS

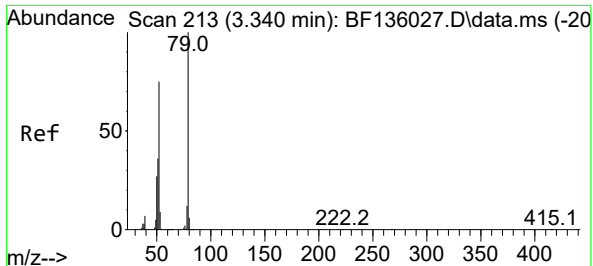
Tgt Ion:152 Resp: 132594
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.4 189.6
 115 62.1 47.0 70.4



#2
 1,4-Dioxane
 Concen: 45.345 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.082 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

Tgt Ion: 88 Resp: 166609
 Ion Ratio Lower Upper
 88 100
 58 79.7 64.3 96.5
 43 29.3 22.3 33.5

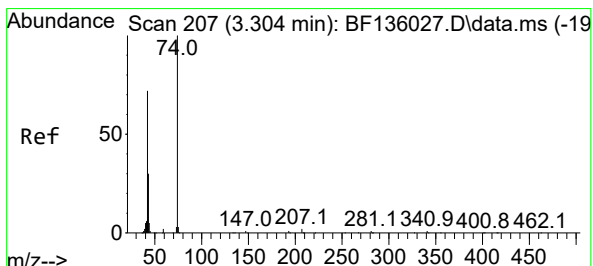
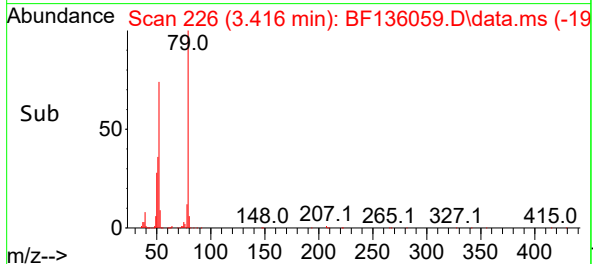
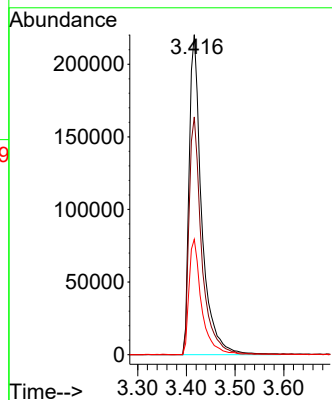
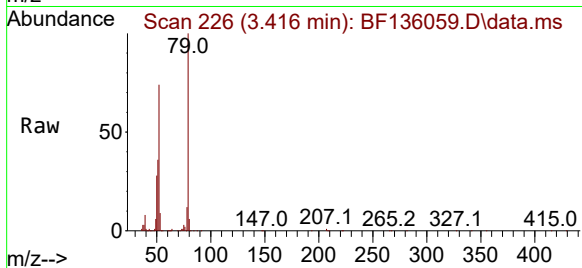




#3
 Pyridine
 Concen: 39.370 ng
 RT: 3.416 min Scan# 21
 Delta R.T. 0.076 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

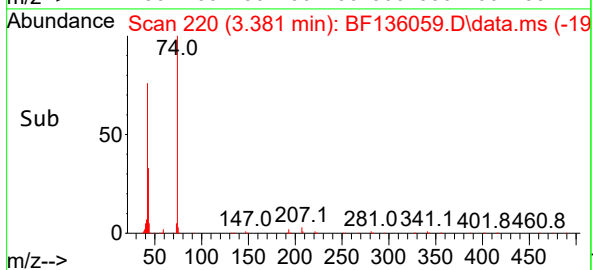
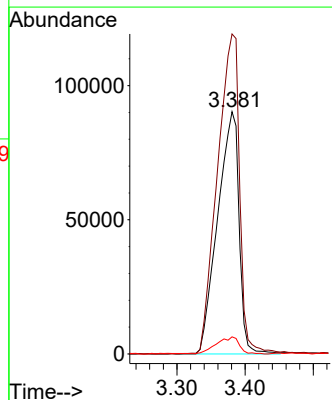
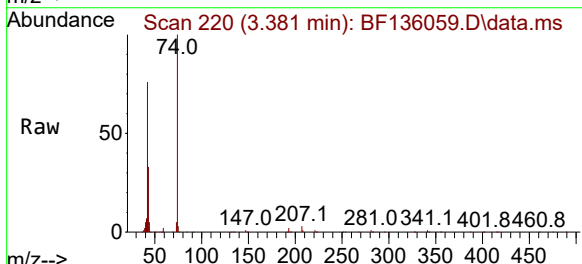
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

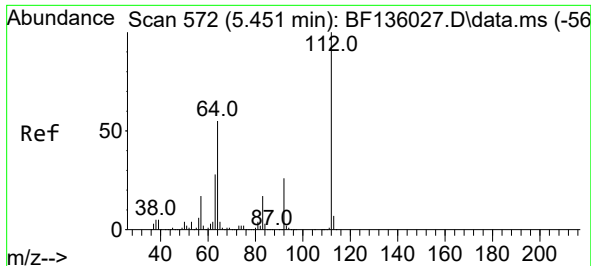
Tgt Ion: 79 Resp: 394843
 Ion Ratio Lower Upper
 79 100
 52 74.3 60.3 90.5
 51 36.1 29.3 43.9



#4
 n-Nitrosodimethylamine
 Concen: 47.163 ng
 RT: 3.381 min Scan# 220
 Delta R.T. 0.076 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

Tgt Ion: 42 Resp: 197760
 Ion Ratio Lower Upper
 42 100
 74 132.1 111.8 167.6
 44 7.1 6.2 9.4

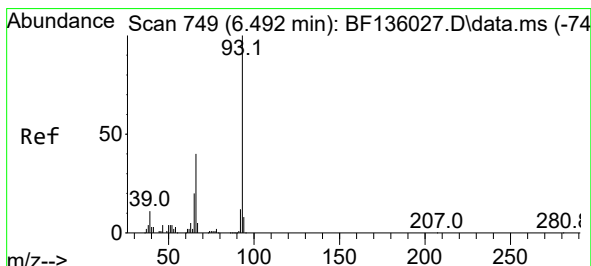
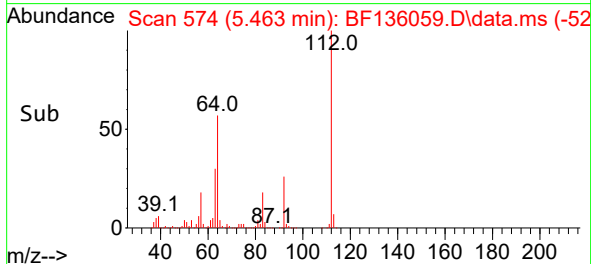
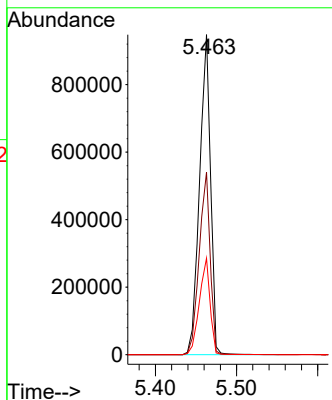
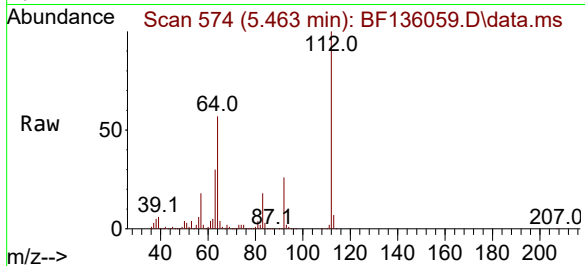




#5
2-Fluorophenol
Concen: 105.758 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

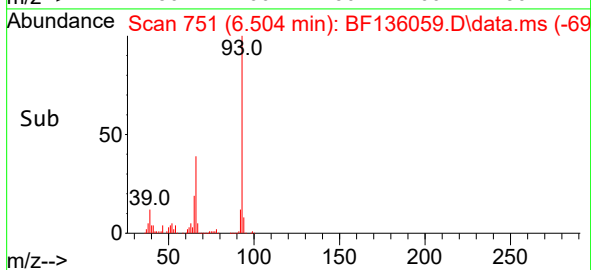
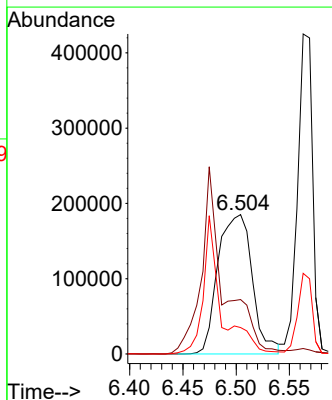
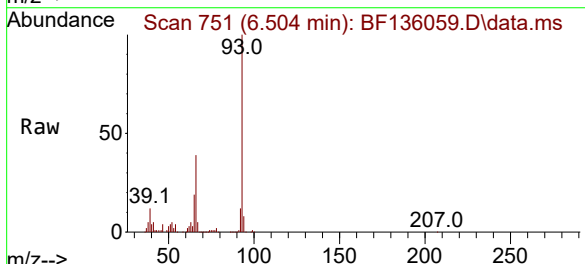
Instrument :
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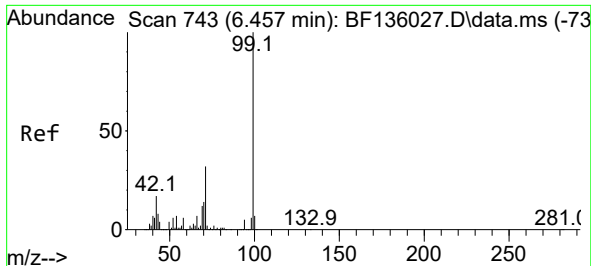
Tgt Ion:112 Resp: 892376
Ion Ratio Lower Upper
112 100
64 57.0 43.9 65.9
63 30.2 22.4 33.6



#6
Aniline
Concen: 30.420 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion: 93 Resp: 414054
Ion Ratio Lower Upper
93 100
66 39.0 32.4 48.6
65 19.0 16.2 24.2





#7

Phenol-d6

Concen: 101.022 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

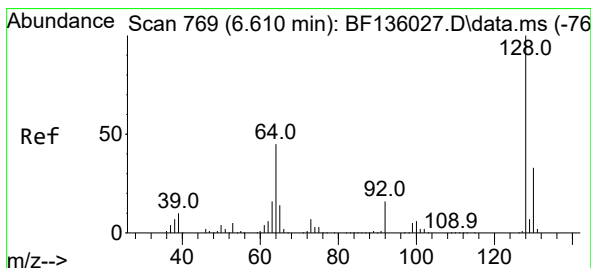
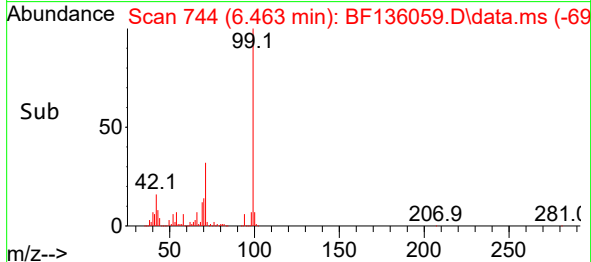
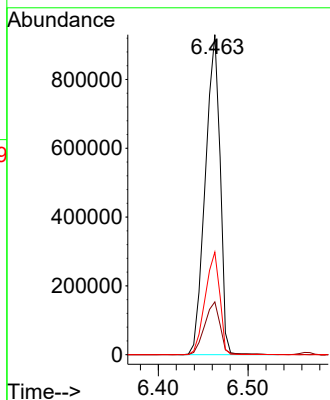
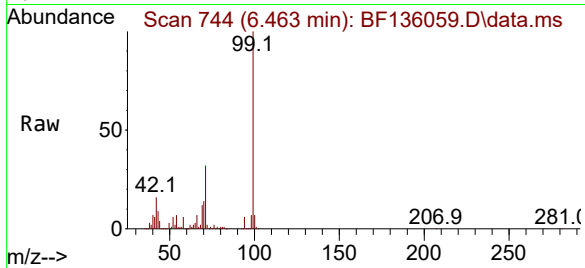
Tgt Ion: 99 Resp: 1062063

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

71 32.1 25.9 38.9



#8

2-Chlorophenol

Concen: 46.095 ng

RT: 6.610 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

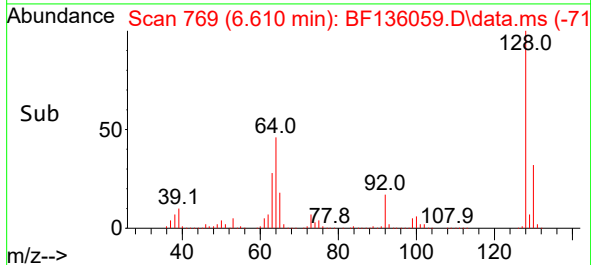
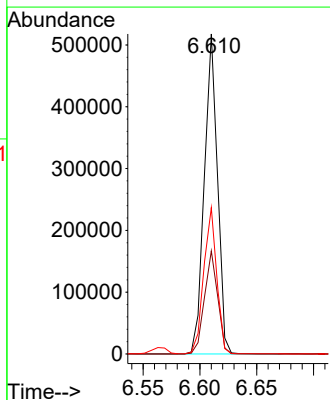
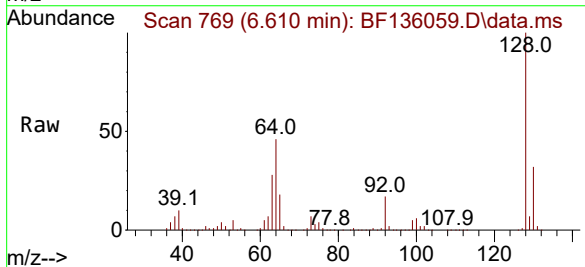
Tgt Ion:128 Resp: 415826

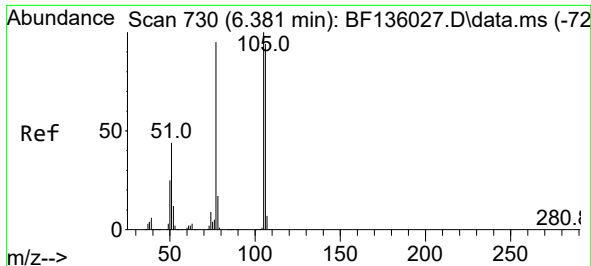
Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

64 45.7 25.8 65.8





#9

Benzaldehyde

Concen: 23.863 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

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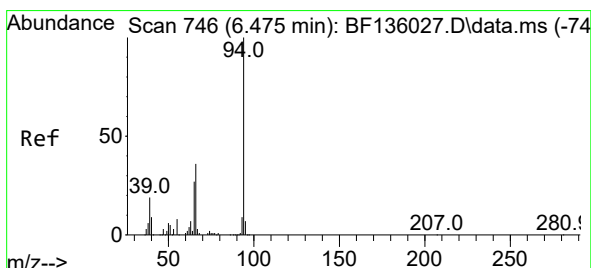
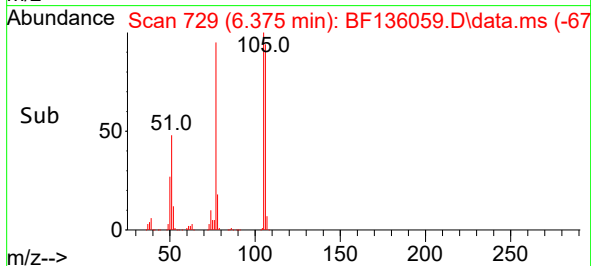
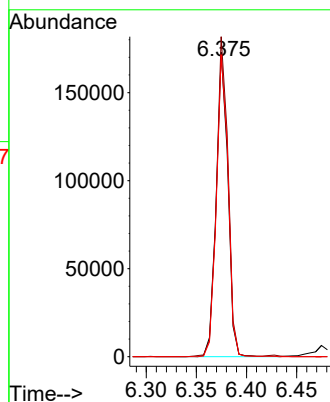
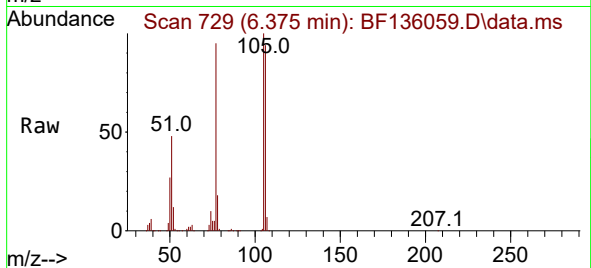
Tgt Ion: 77 Resp: 139887

Ion Ratio Lower Upper

77 100

105 105.1 85.7 125.7

106 99.2 79.8 119.8



#10

Phenol

Concen: 46.076 ng

RT: 6.475 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

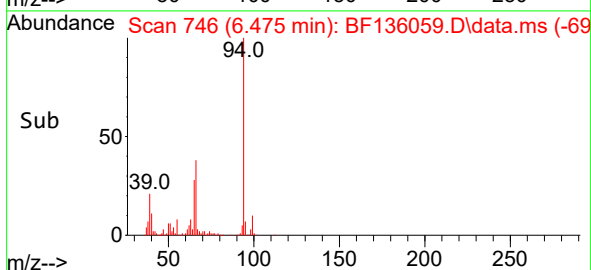
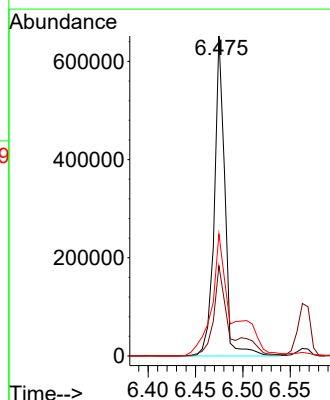
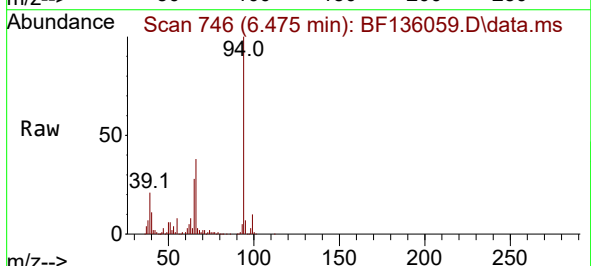
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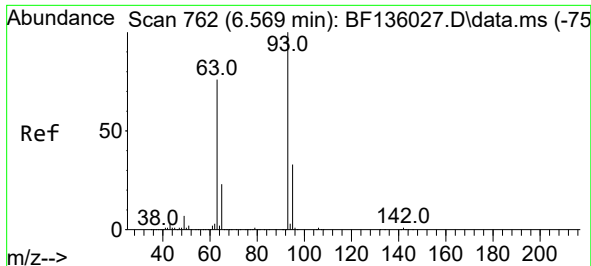
Ion Ratio Lower Upper

94 100

65 28.2 7.5 47.5

66 38.2 17.1 57.1

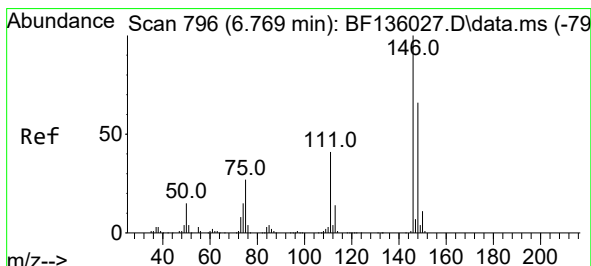
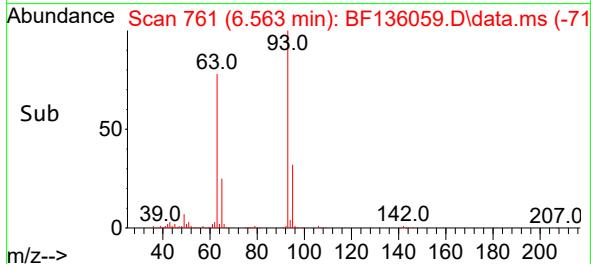
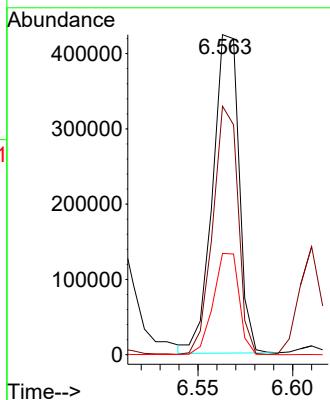
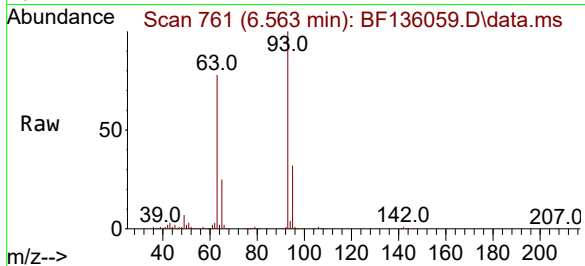




#11
bis(2-Chloroethyl)ether
Concen: 48.249 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

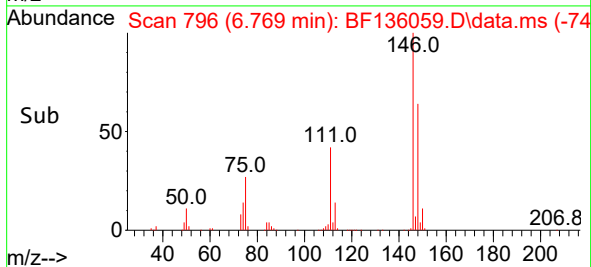
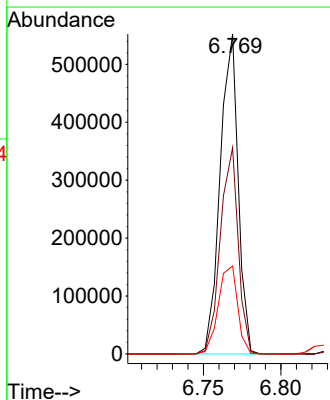
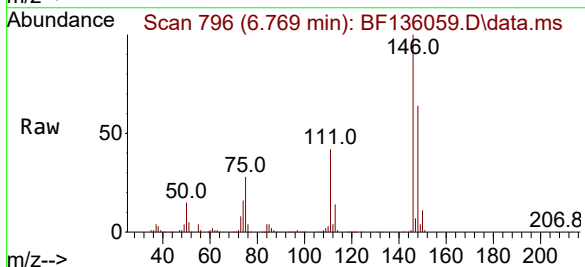
Instrument :
BNA_F
ClientSampleId :
TP-4MS

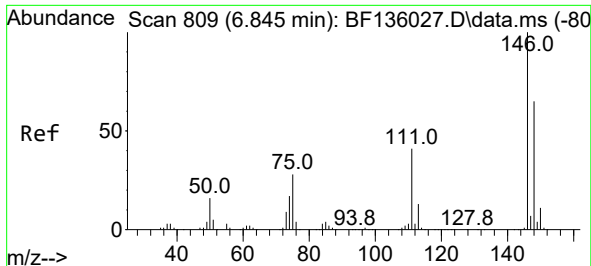
Tgt Ion: 93 Resp: 410730
Ion Ratio Lower Upper
93 100
63 77.6 55.8 95.8
95 31.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.609 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:146 Resp: 447008
Ion Ratio Lower Upper
146 100
148 64.5 52.6 78.8
75 27.5 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 47.862 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

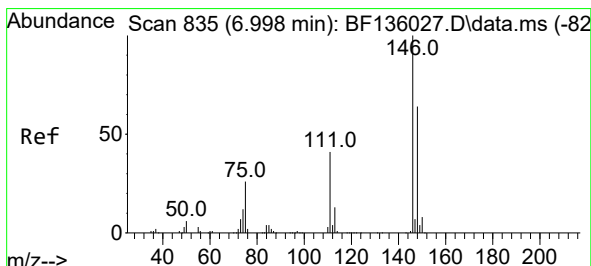
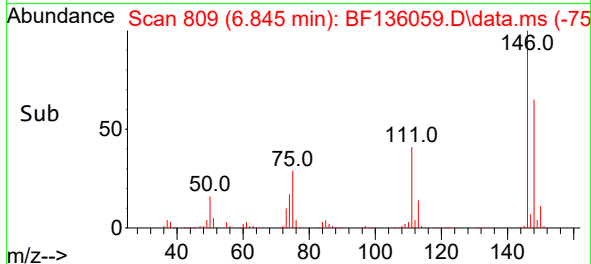
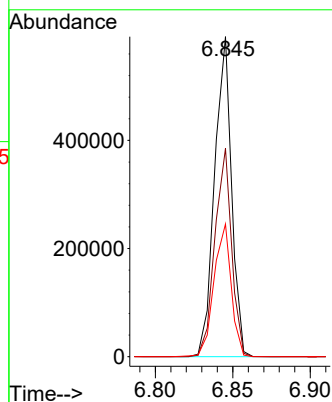
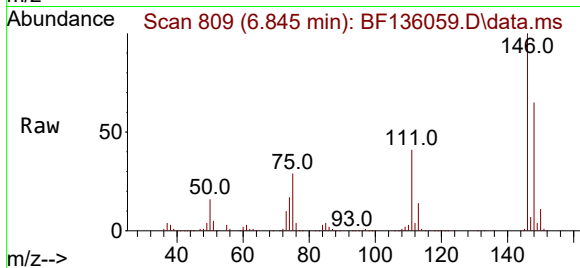
Tgt Ion:146 Resp: 450356

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

111 41.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 48.471 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

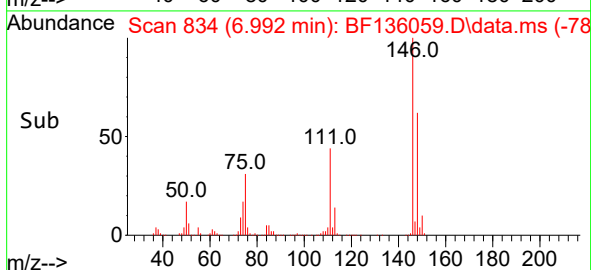
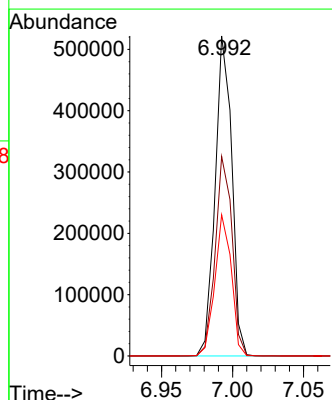
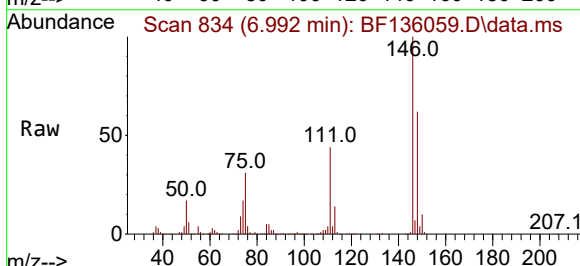
Tgt Ion:146 Resp: 426468

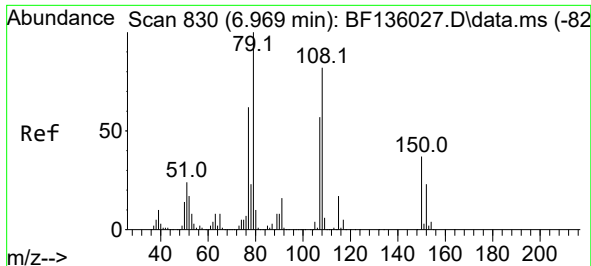
Ion Ratio Lower Upper

146 100

148 62.4 51.4 77.2

111 44.1 33.0 49.4

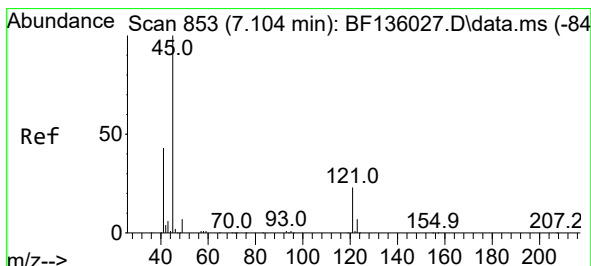
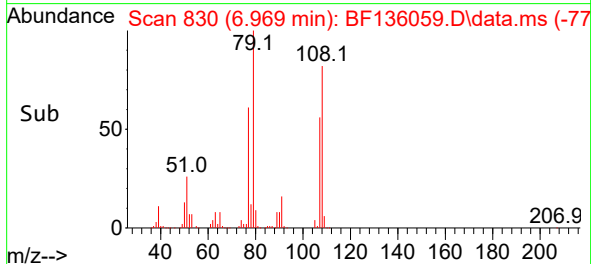
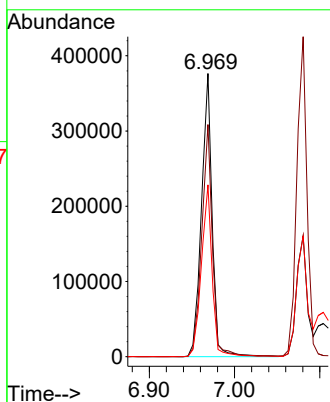
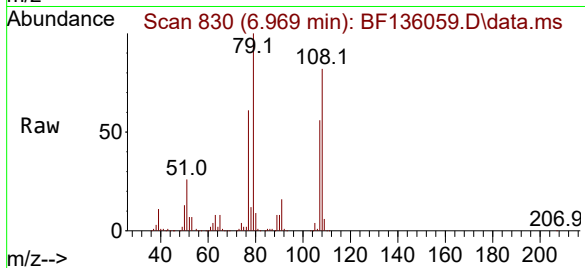




#15
Benzyl Alcohol
Concen: 43.963 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

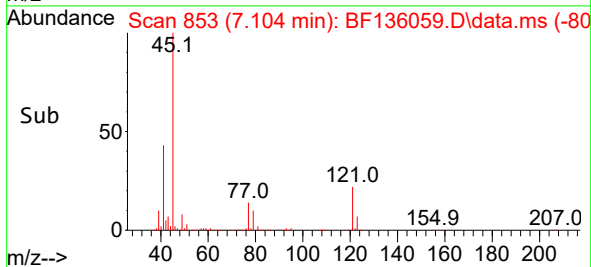
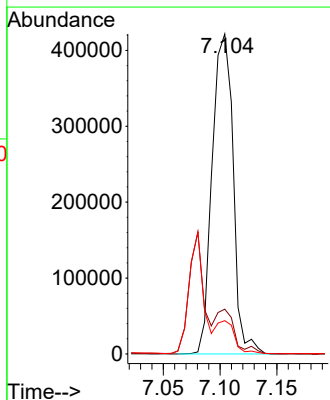
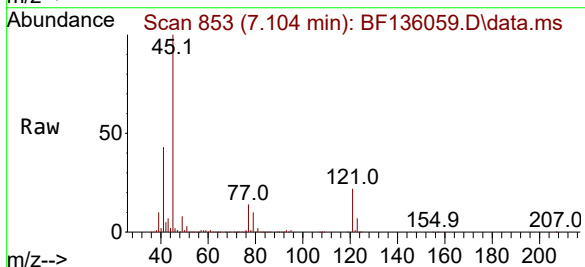
Instrument :
BNA_F
ClientSampleId :
TP-4MS

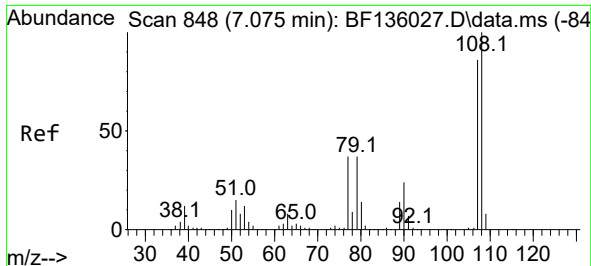
Tgt Ion: 79 Resp: 327717
Ion Ratio Lower Upper
79 100
108 81.9 65.9 98.9
77 60.6 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.078 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion: 45 Resp: 539904
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.6
79 10.4 0.0 30.6

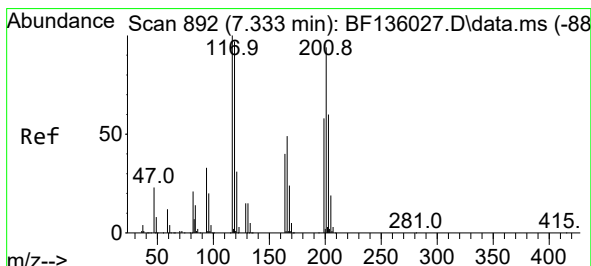
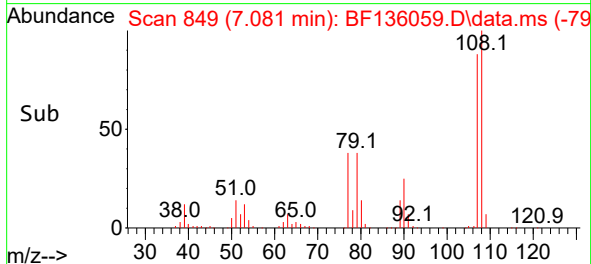
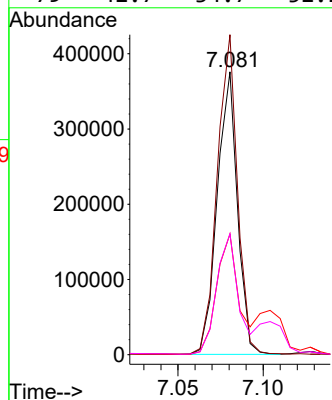
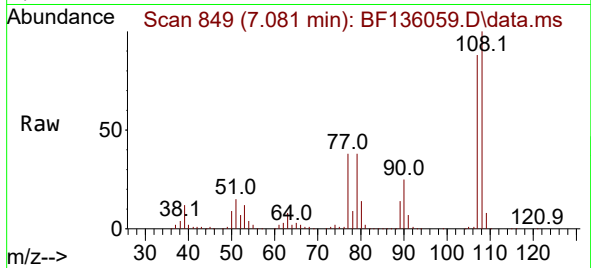




#17
2-Methylphenol
Concen: 40.465 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

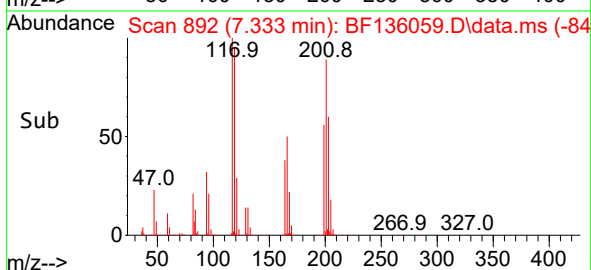
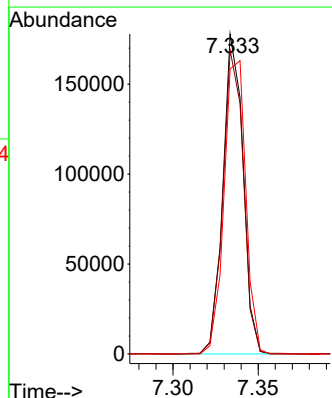
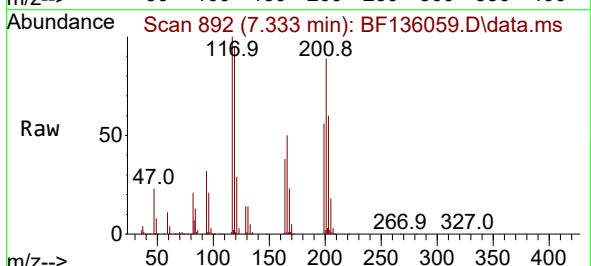
Instrument :
BNA_F
ClientSampleId :
TP-4MS

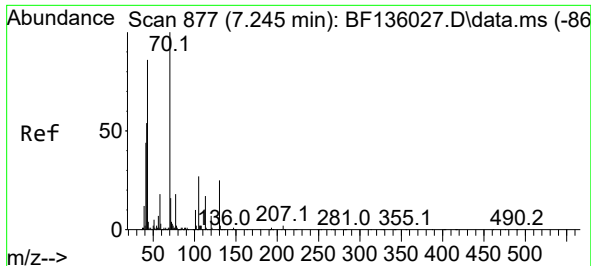
Tgt Ion:107 Resp: 309671
Ion Ratio Lower Upper
107 100
108 113.1 93.4 140.2
77 42.7 34.4 51.6
79 42.7 34.7 52.1



#18
Hexachloroethane
Concen: 44.205 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:117 Resp: 146194
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5
201 89.0 75.0 112.6

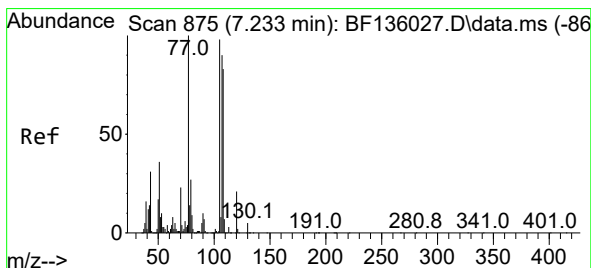
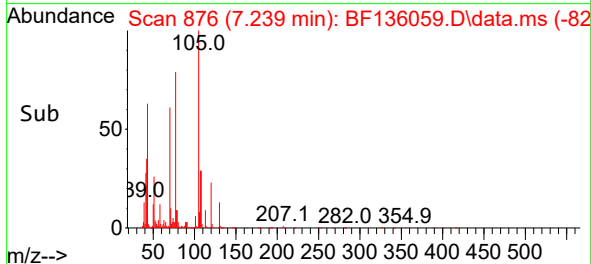
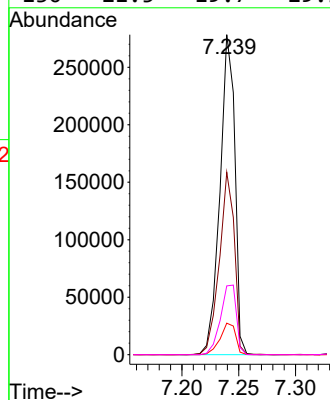
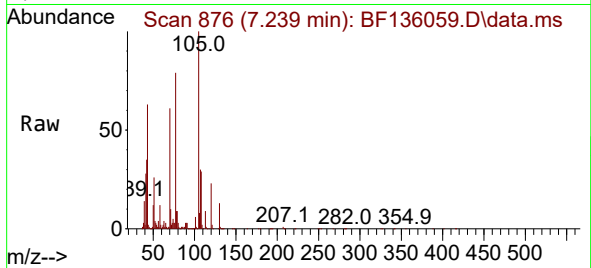




#19
n-Nitroso-di-n-propylamine
Concen: 42.405 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

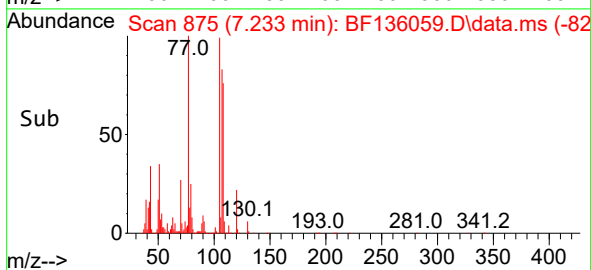
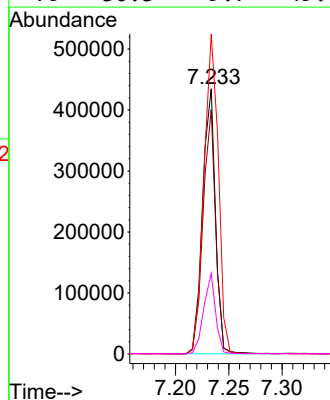
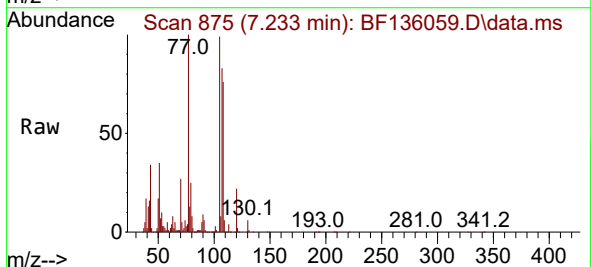
Instrument :
BNA_F
ClientSampleId :
TP-4MS

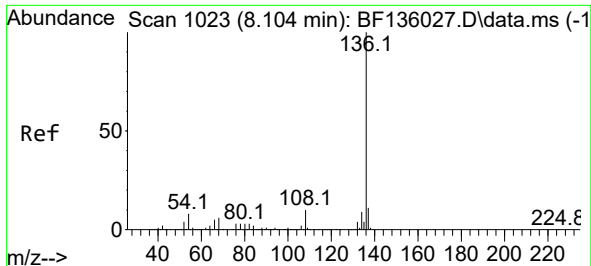
Tgt Ion: 70 Resp: 254728
Ion Ratio Lower Upper
70 100
42 57.0 43.0 64.4
101 9.9 8.0 12.0
130 21.5 19.7 29.5



#20
3+4-Methylphenols
Concen: 39.422 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion: 107 Resp: 367884
Ion Ratio Lower Upper
107 100
108 92.1 72.3 112.3
77 120.6 91.4 131.4
79 30.3 9.7 49.7



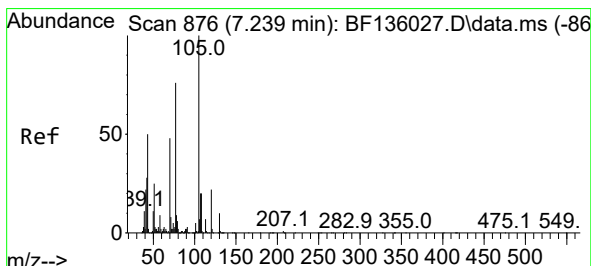
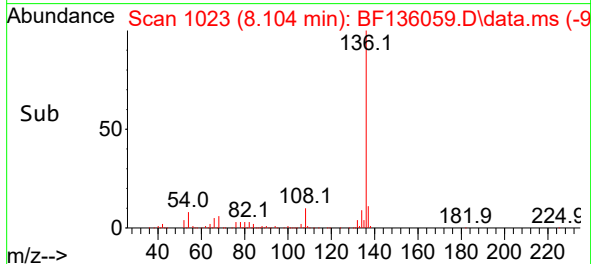
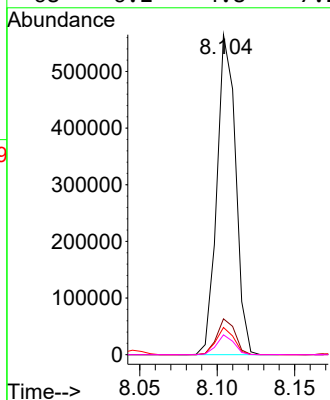
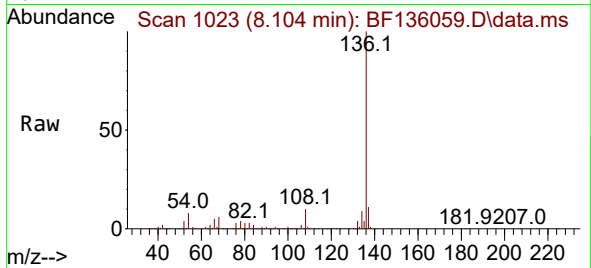


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:136 Resp: 475274

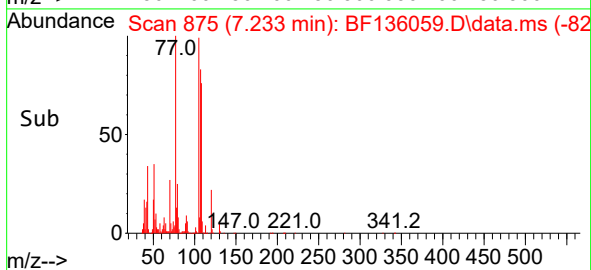
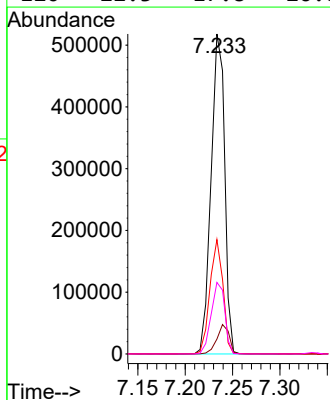
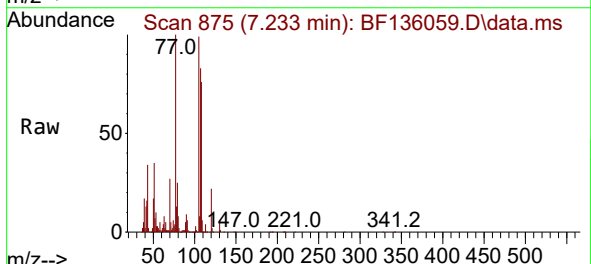
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.5	6.6	9.8
68	6.2	4.8	7.2

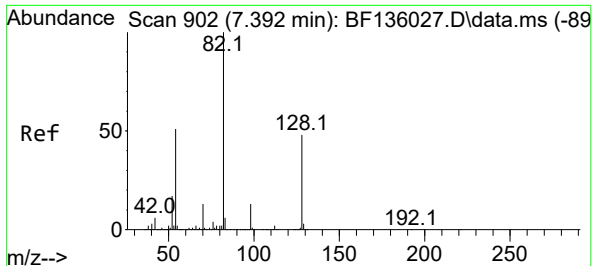


#22
Acetophenone
Concen: 48.816 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:105 Resp: 514463

Ion	Ratio	Lower	Upper
105	100		
71	4.6	6.5	9.7#
51	35.7	20.3	30.5#
120	22.3	17.8	26.8





#23

Nitrobenzene-d5

Concen: 78.014 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

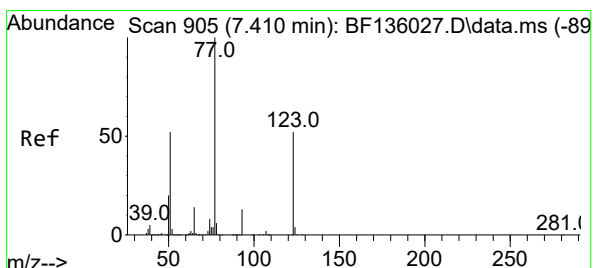
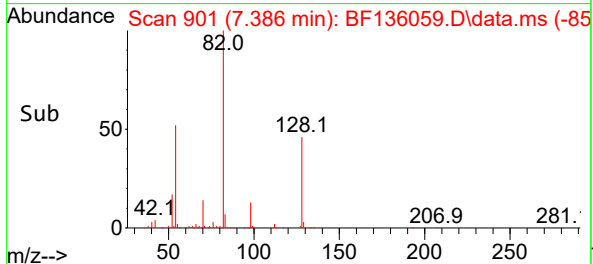
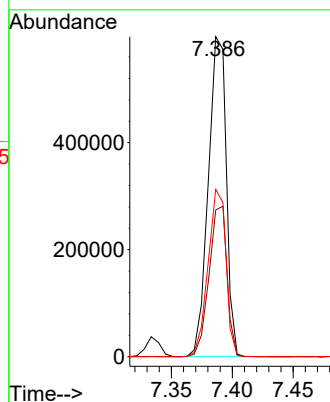
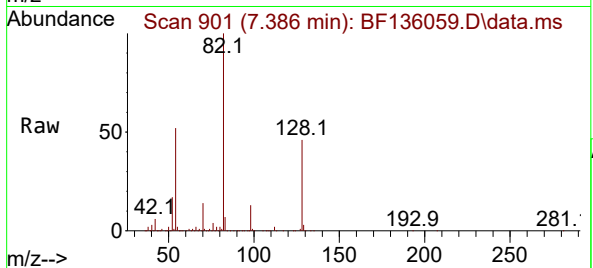
Tgt Ion: 82 Resp: 615070

Ion Ratio Lower Upper

82 100

128 45.9 38.6 57.8

54 52.3 40.8 61.2



#24

Nitrobenzene

Concen: 48.113 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

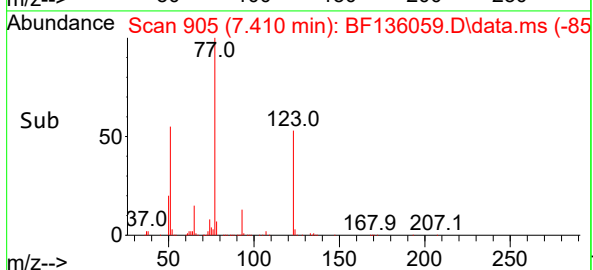
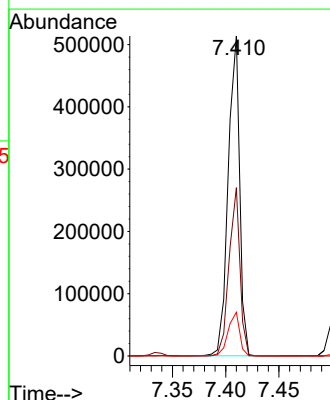
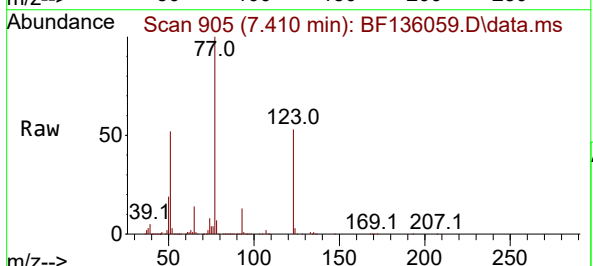
Tgt Ion: 77 Resp: 383696

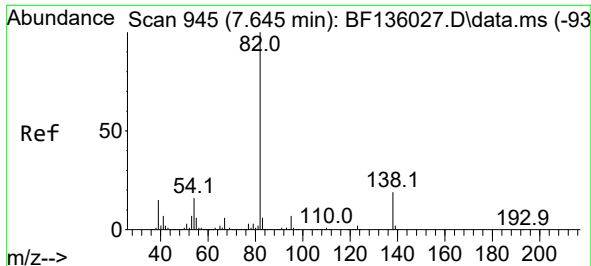
Ion Ratio Lower Upper

77 100

123 52.6 42.3 63.5

65 13.6 11.0 16.6

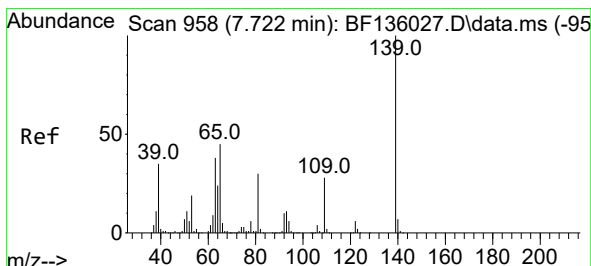
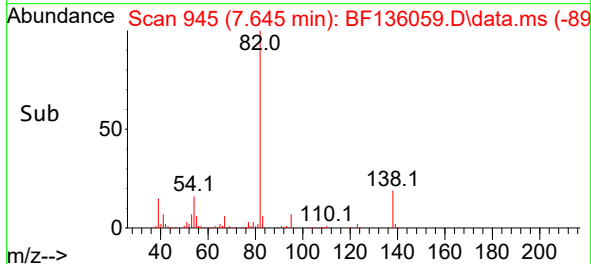
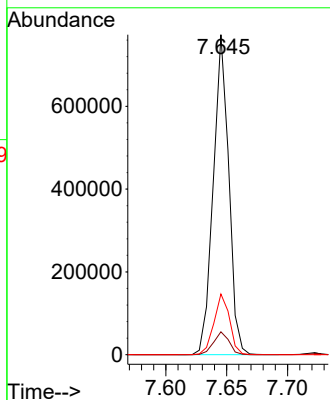
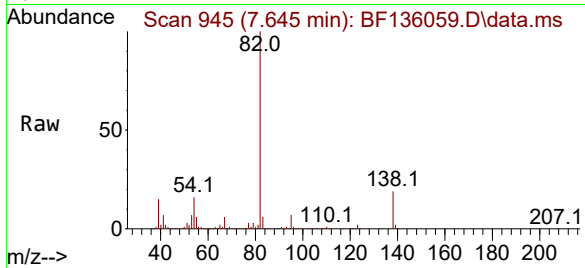




#25
Isophorone
Concen: 46.130 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

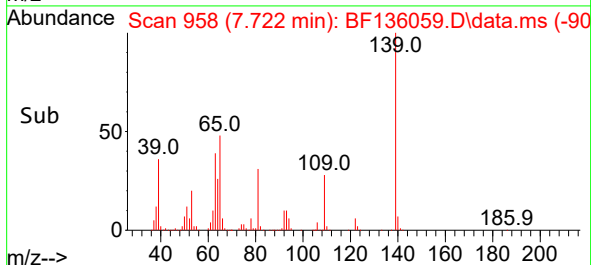
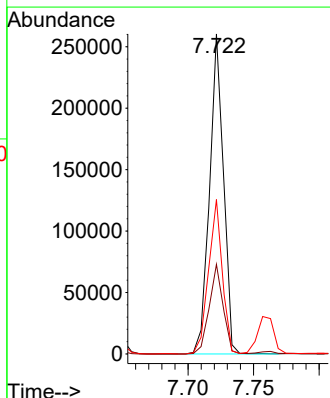
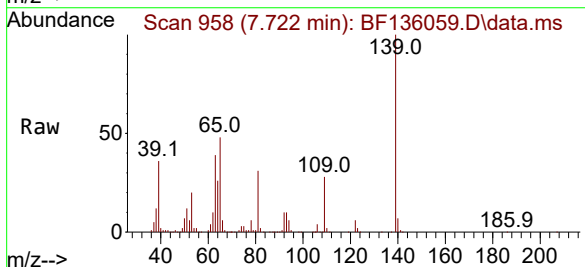
Instrument :
BNA_F
ClientSampleId :
TP-4MS

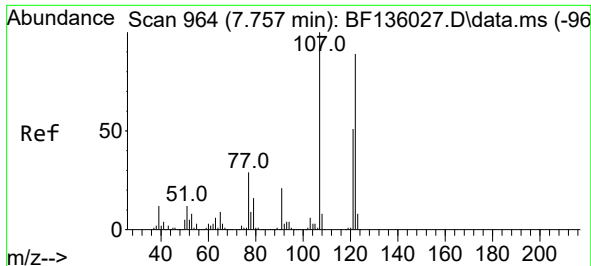
Tgt Ion: 82 Resp: 686616
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.0 15.3 22.9



#26
2-Nitrophenol
Concen: 52.914 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:139 Resp: 192532
Ion Ratio Lower Upper
139 100
109 28.0 22.6 34.0
65 48.2 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 40.654 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

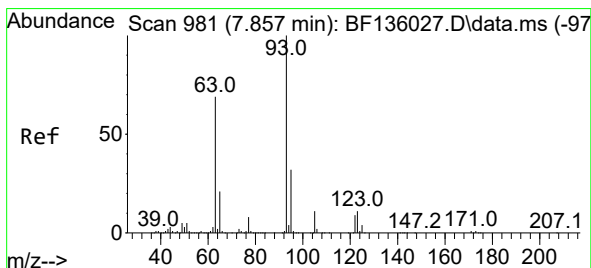
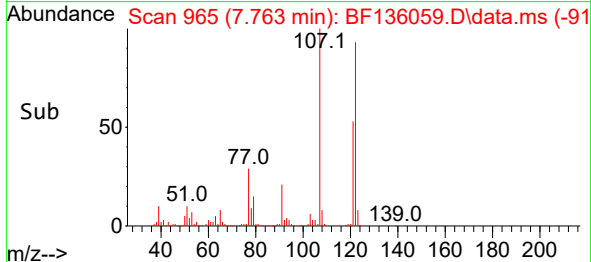
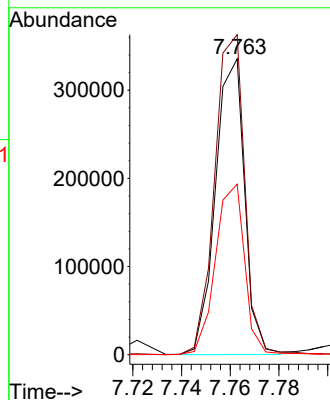
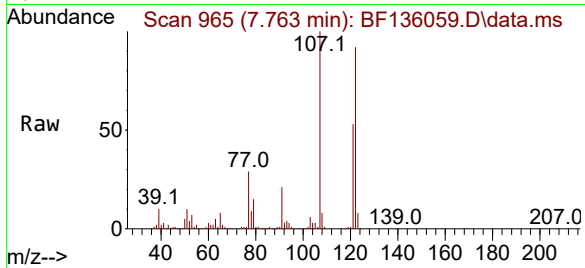
Tgt Ion:122 Resp: 279521

Ion Ratio Lower Upper

122 100

107 108.2 89.6 134.4

121 57.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.085 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

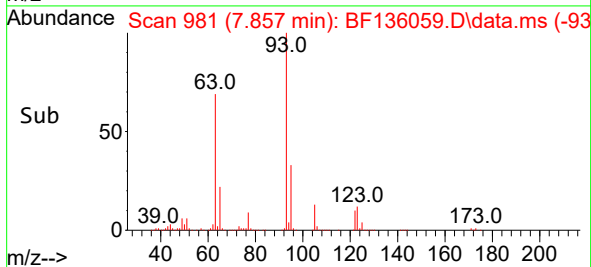
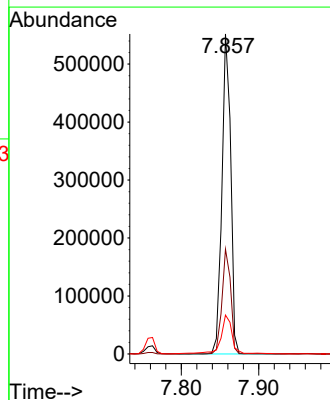
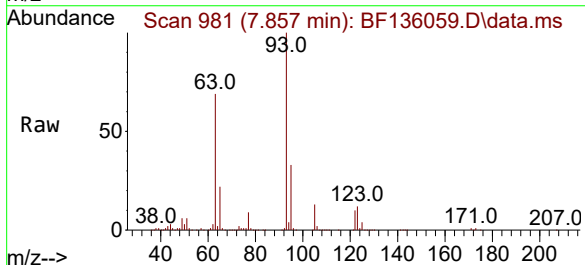
Tgt Ion: 93 Resp: 438523

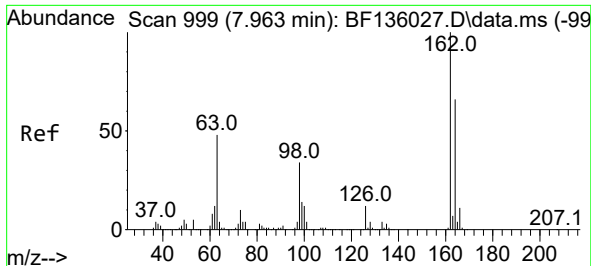
Ion Ratio Lower Upper

93 100

95 32.7 25.7 38.5

123 12.1 9.1 13.7

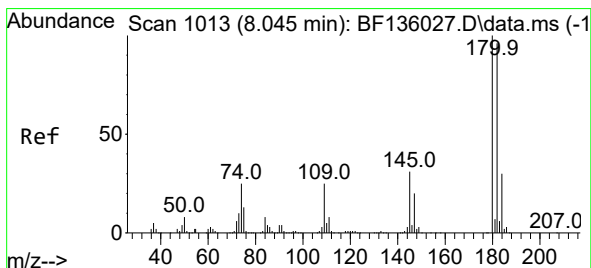
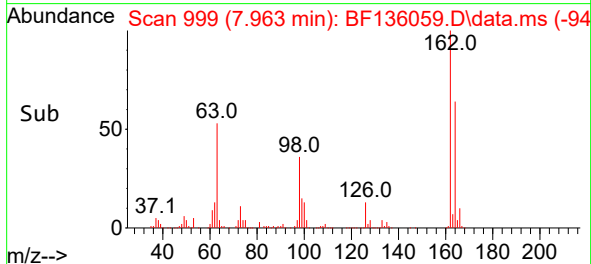
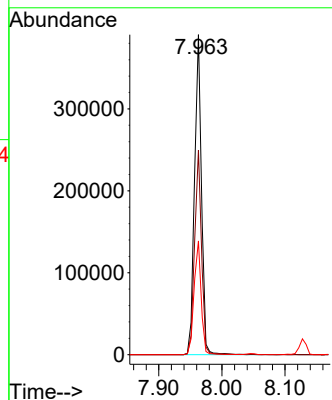
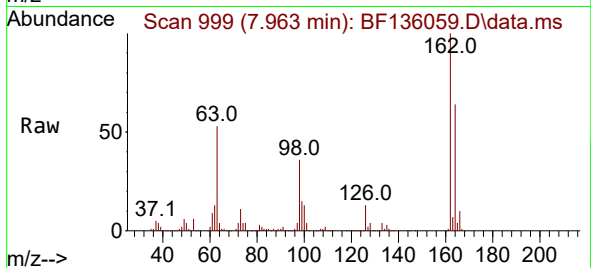




#29
2,4-Dichlorophenol
Concen: 45.883 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

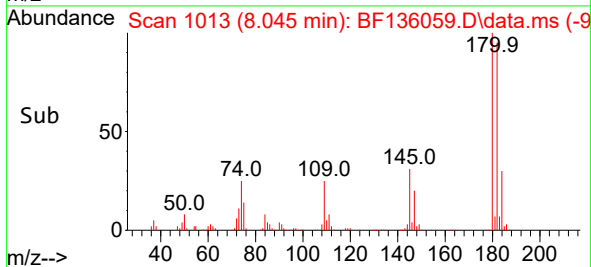
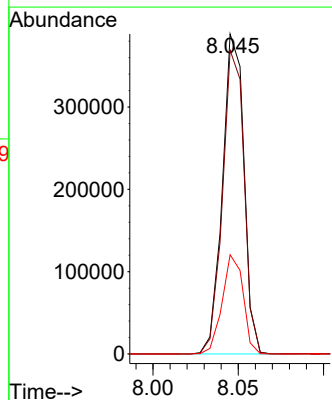
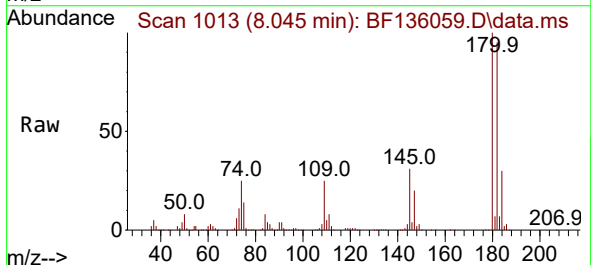
Instrument :
BNA_F
ClientSampleId :
TP-4MS

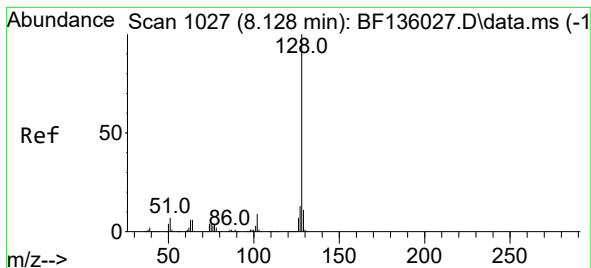
Tgt Ion:162 Resp: 297410
Ion Ratio Lower Upper
162 100
164 63.9 45.5 85.5
98 35.6 14.4 54.4



#30
1,2,4-Trichlorobenzene
Concen: 48.207 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:180 Resp: 340875
Ion Ratio Lower Upper
180 100
182 94.9 76.9 115.3
145 31.0 24.7 37.1





#31

Naphthalene

Concen: 46.249 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

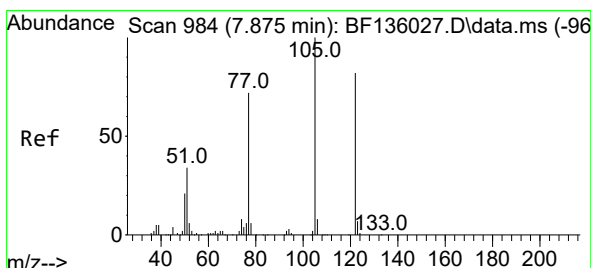
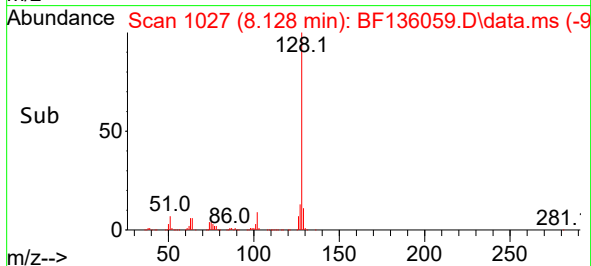
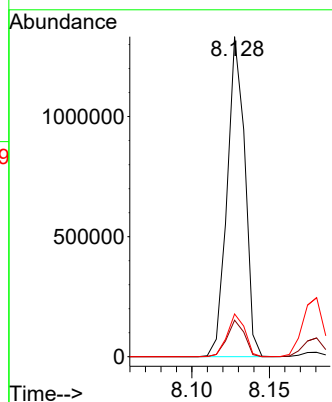
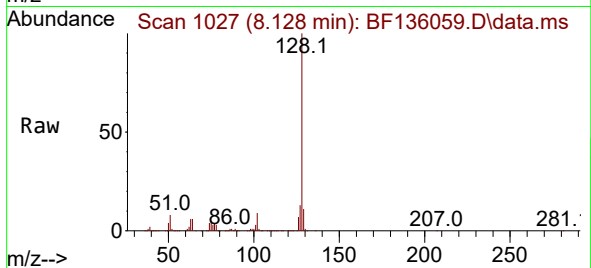
Tgt Ion:128 Resp: 1059955

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 41.931 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

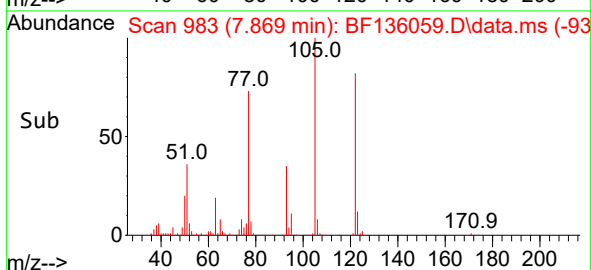
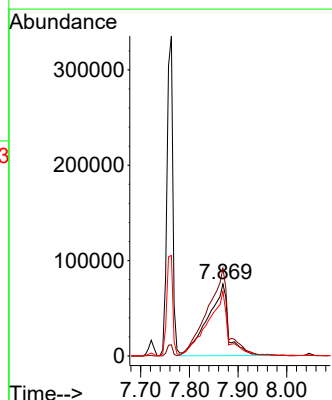
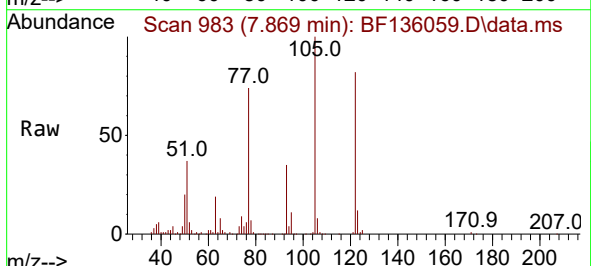
Tgt Ion:122 Resp: 226969

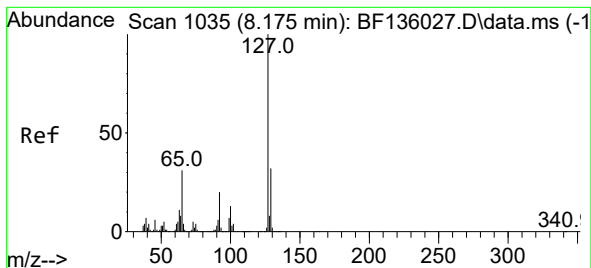
Ion Ratio Lower Upper

122 100

105 121.6 99.5 139.5

77 89.6 66.8 106.8





#33

4-Chloroaniline

Concen: 23.858 ng

RT: 8.180 min Scan# 1035

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:127 Resp: 239463

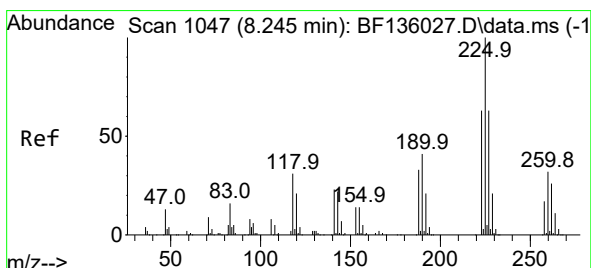
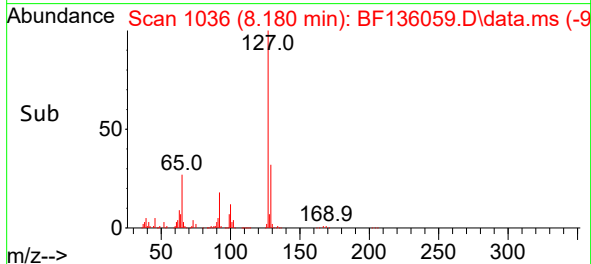
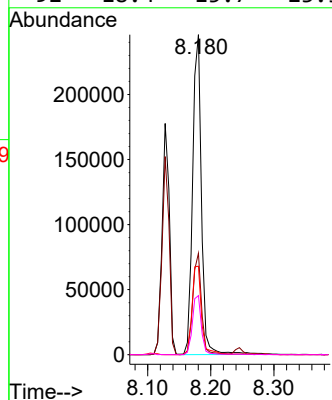
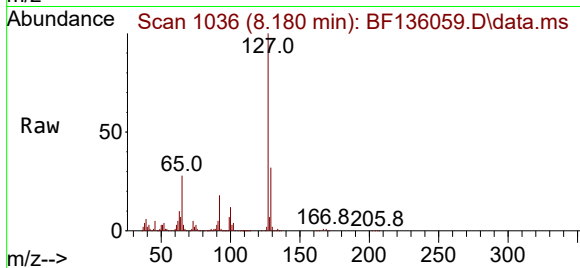
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 27.6 24.6 37.0

92 18.4 15.7 23.5



#34

Hexachlorobutadiene

Concen: 49.380 ng

RT: 8.245 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

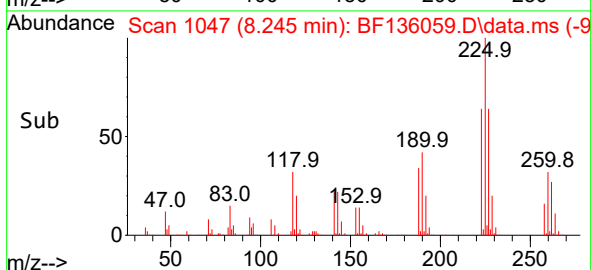
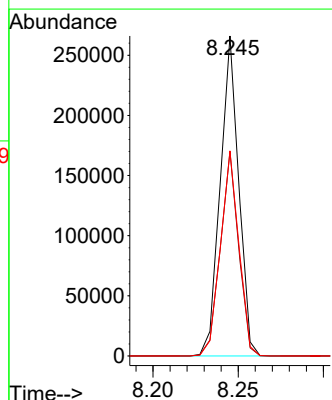
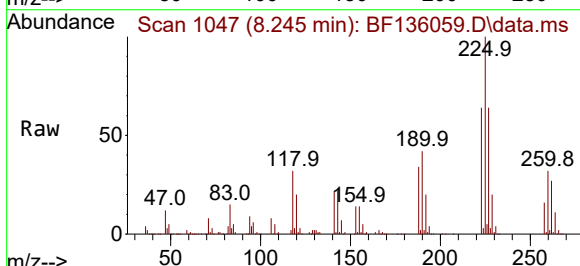
Tgt Ion:225 Resp: 200240

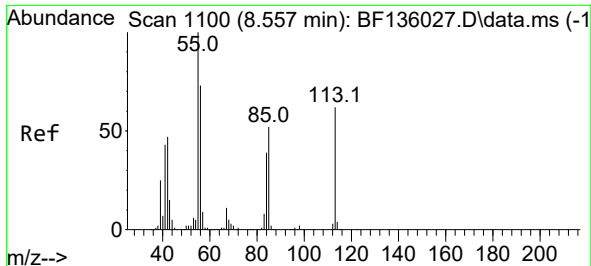
Ion Ratio Lower Upper

225 100

223 64.0 50.3 75.5

227 64.1 50.6 75.8

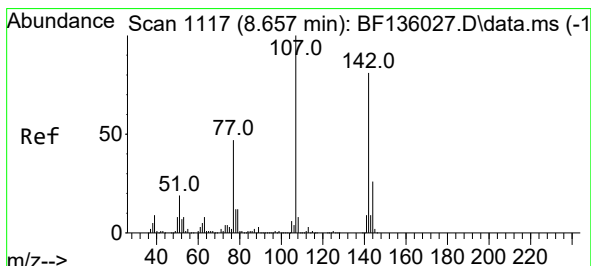
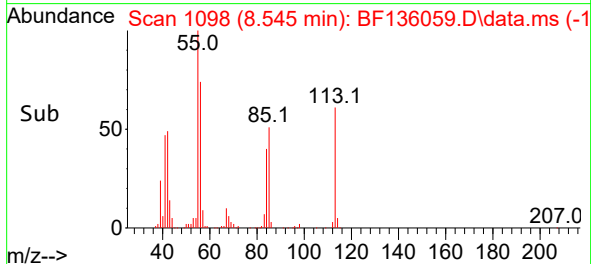
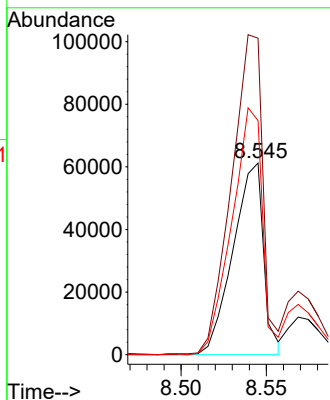
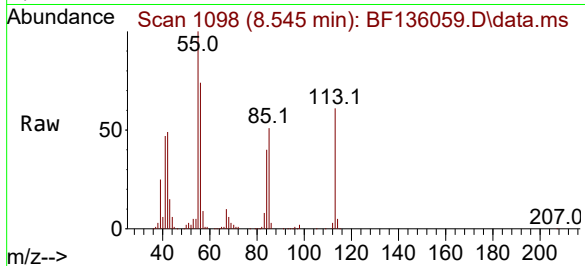




#35
 Caprolactam
 Concen: 36.076 ng
 RT: 8.545 min Scan# 1100
 Delta R.T. -0.012 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

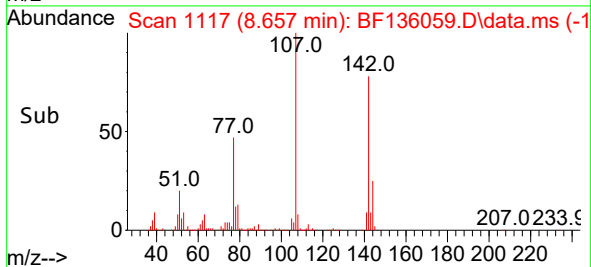
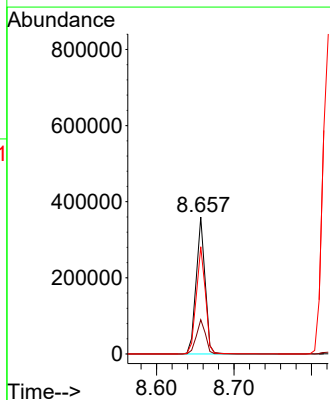
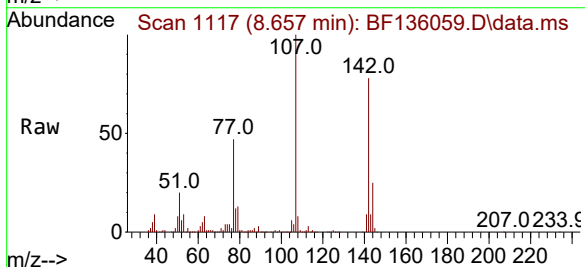
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

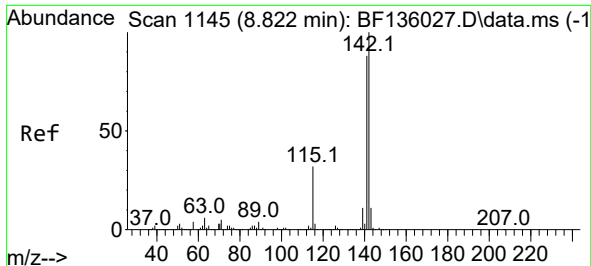
Tgt Ion:113 Resp: 76035
 Ion Ratio Lower Upper
 113 100
 55 165.1 142.2 182.2
 56 122.1 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.544 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

Tgt Ion:107 Resp: 289510
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.6 31.0
 142 78.3 64.6 97.0

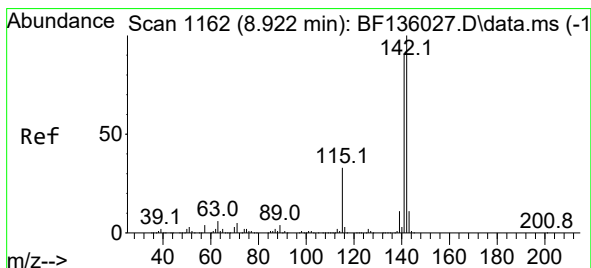
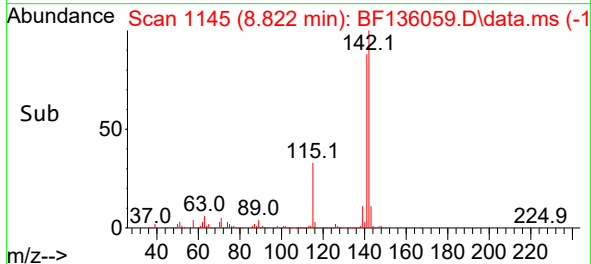
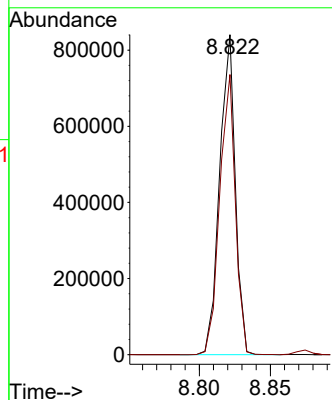
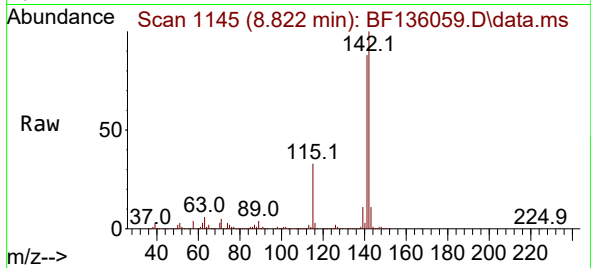




#37
2-Methylnaphthalene
Concen: 41.765 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

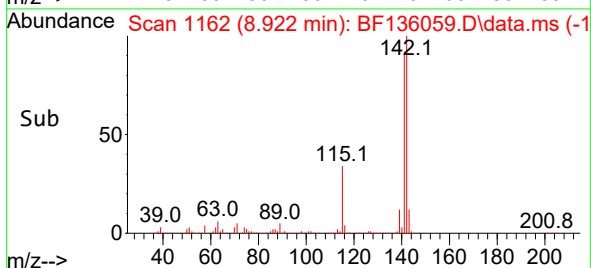
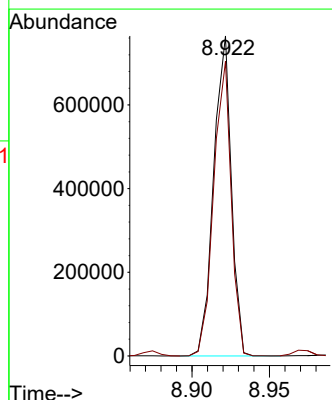
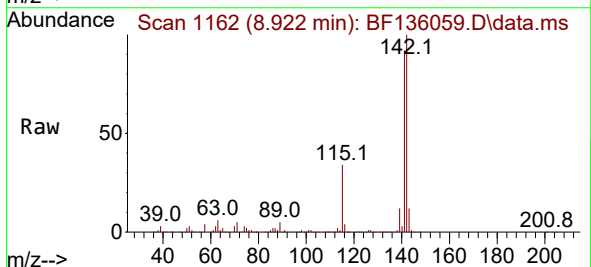
Instrument :
BNA_F
ClientSampleId :
TP-4MS

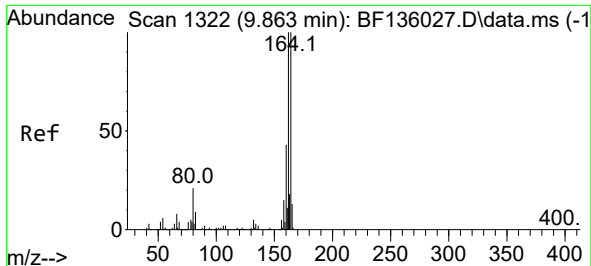
Tgt Ion:142 Resp: 641821
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6



#38
1-Methylnaphthalene
Concen: 42.523 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:142 Resp: 608121
Ion Ratio Lower Upper
142 100
141 92.1 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

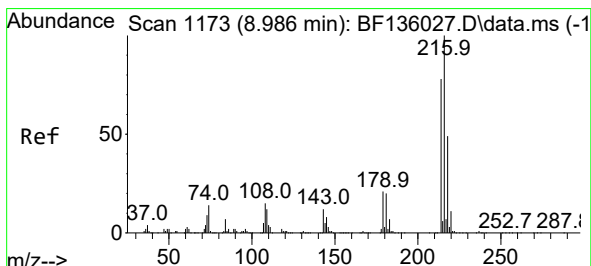
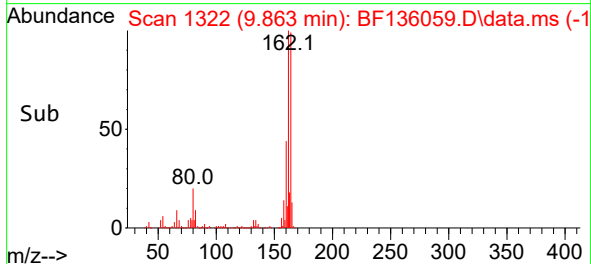
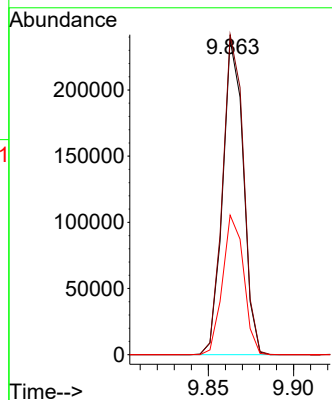
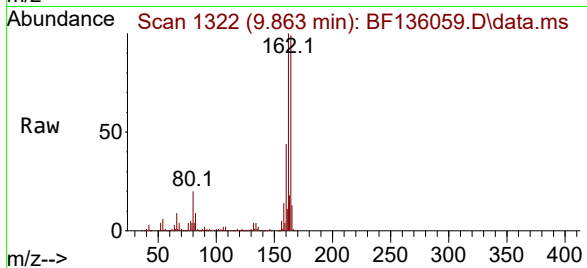
Tgt Ion:164 Resp: 200953

Ion Ratio Lower Upper

164 100

162 101.5 80.1 120.1

160 44.2 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.315 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Tgt Ion:216 Resp: 305550

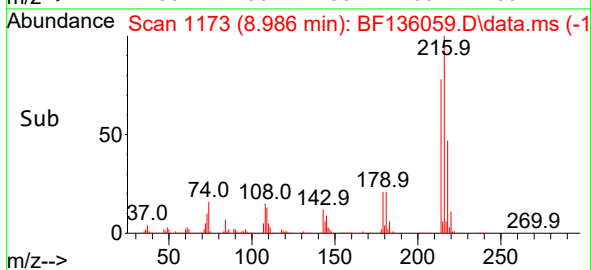
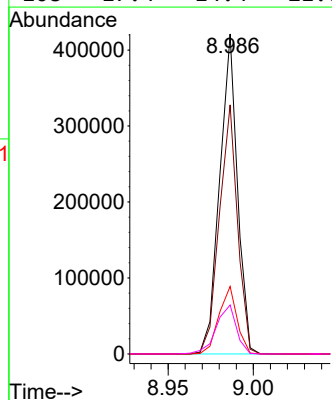
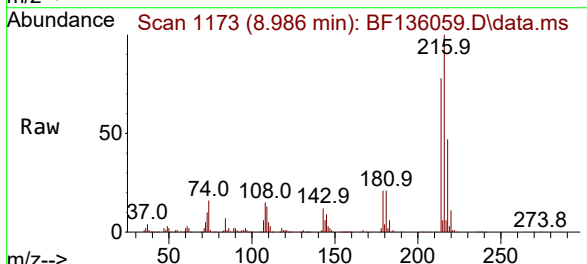
Ion Ratio Lower Upper

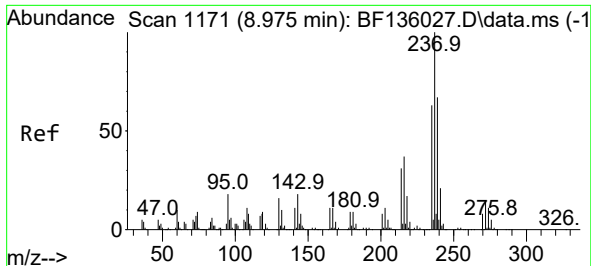
216 100

214 79.4 63.8 95.6

179 21.5 17.5 26.3

108 17.4 14.4 21.6

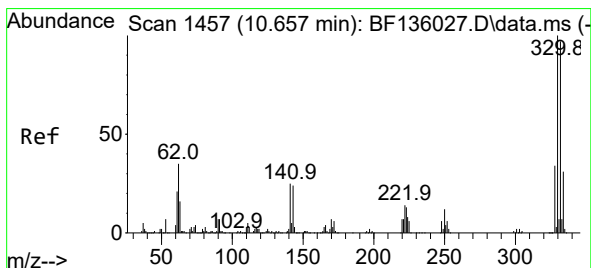
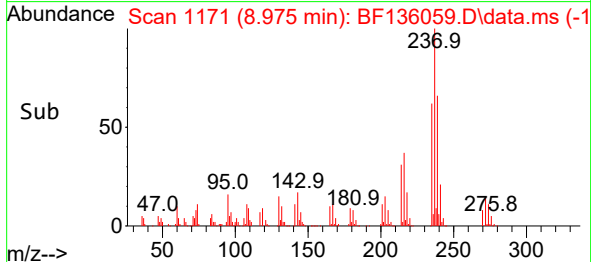
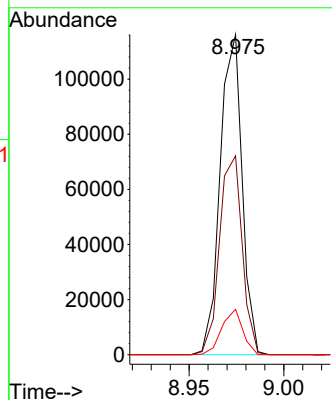
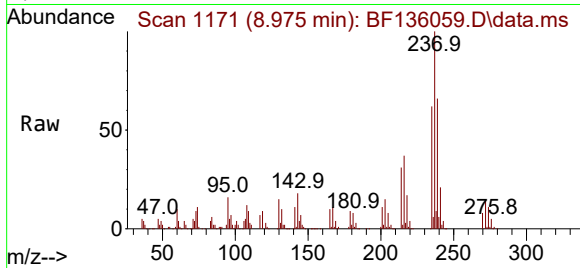




#41
Hexachlorocyclopentadiene
Concen: 30.607 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

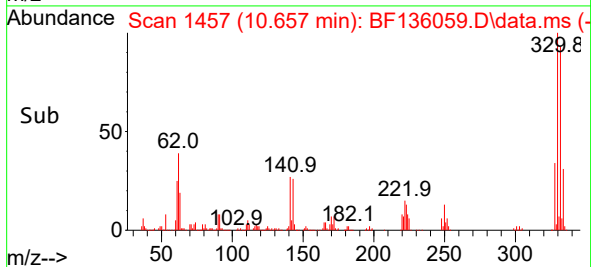
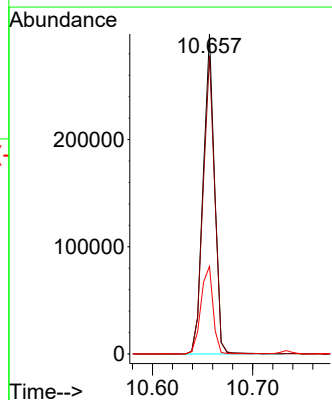
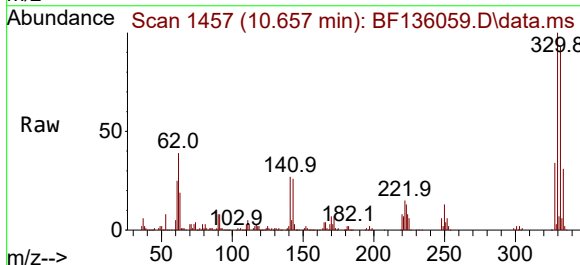
Instrument :
BNA_F
ClientSampleId :
TP-4MS

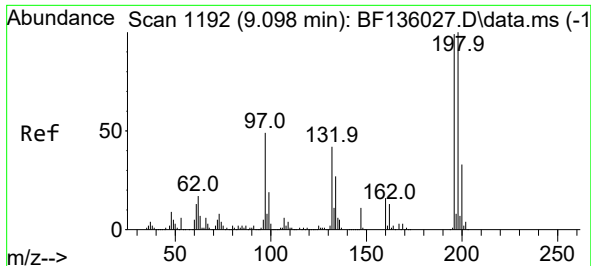
Tgt Ion:237	Resp:	93711
Ion Ratio	Lower	Upper
237	100	
235	62.2	43.3 83.3
272	14.2	0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 109.631 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:330	Resp:	235150
Ion Ratio	Lower	Upper
330	100	
332	95.3	76.9 115.3
141	29.5	23.2 34.8

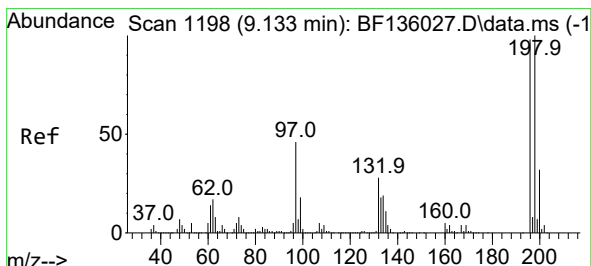
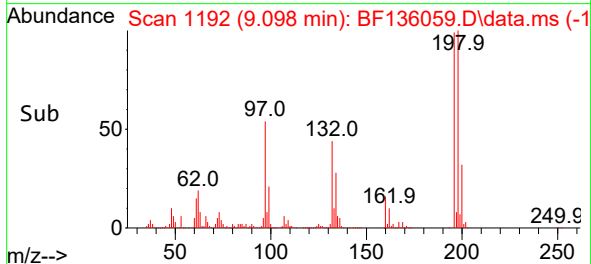
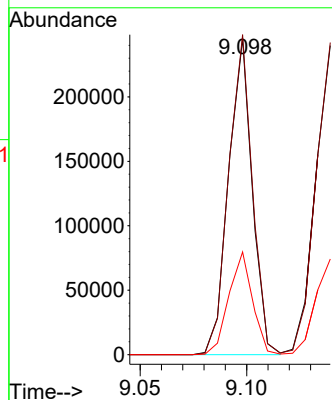
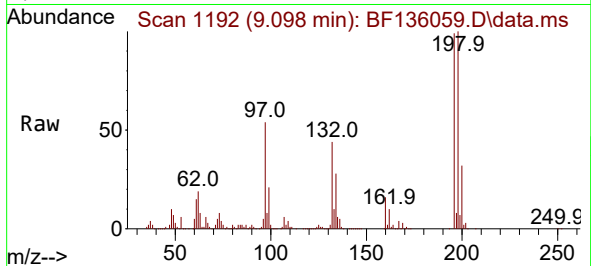




#43
2,4,6-Trichlorophenol
Concen: 50.682 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

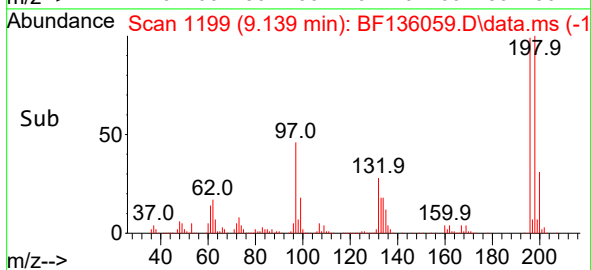
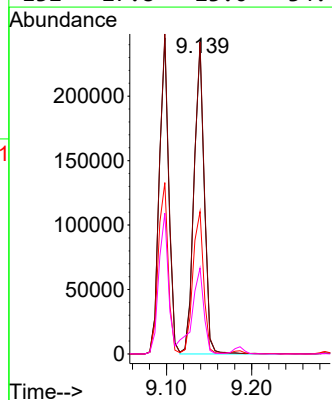
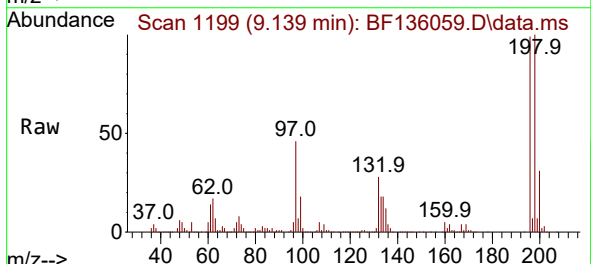
Instrument :
BNA_F
ClientSampleId :
TP-4MS

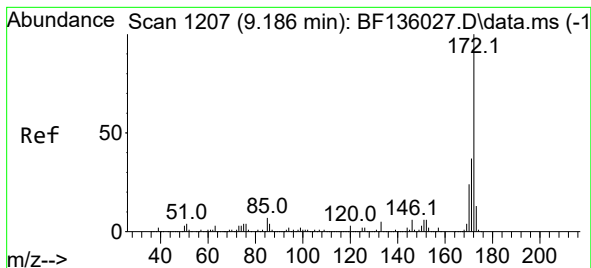
Tgt Ion:196 Resp: 189384
Ion Ratio Lower Upper
196 100
198 101.2 80.7 121.1
200 32.5 26.8 40.2



#44
2,4,5-Trichlorophenol
Concen: 46.518 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:196 Resp: 201355
Ion Ratio Lower Upper
196 100
198 101.0 81.6 122.4
97 46.1 38.2 57.2
132 27.8 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 80.214 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

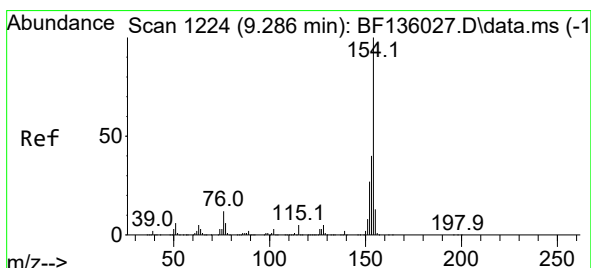
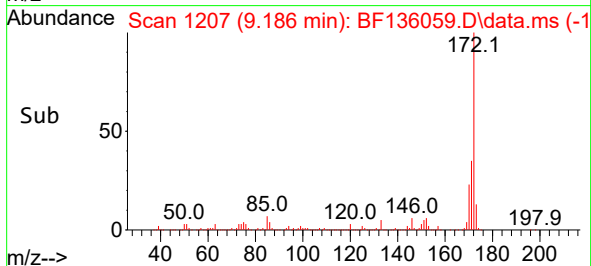
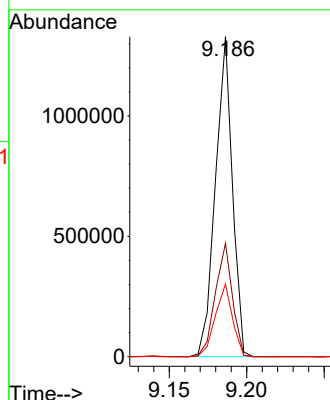
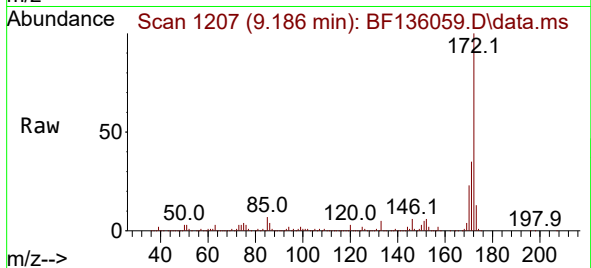
Tgt Ion:172 Resp: 1011181

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

170 22.7 19.3 28.9



#46

1,1'-Biphenyl

Concen: 50.947 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

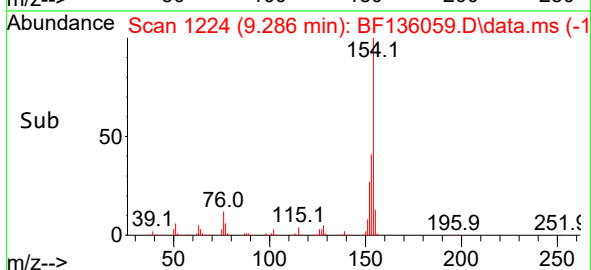
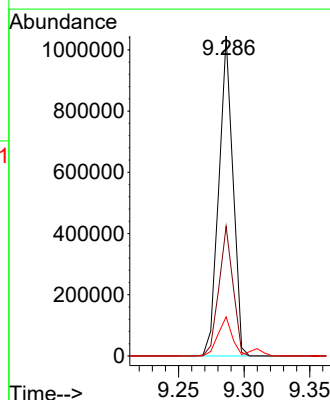
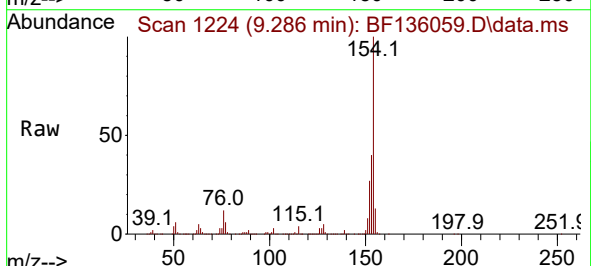
Tgt Ion:154 Resp: 780452

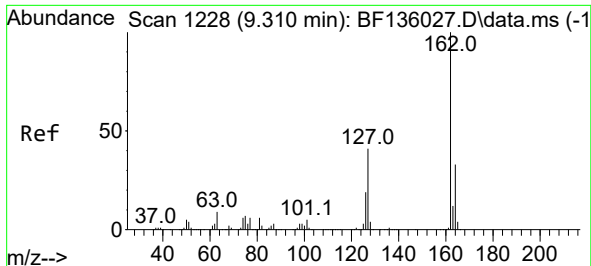
Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 12.2 0.0 32.5

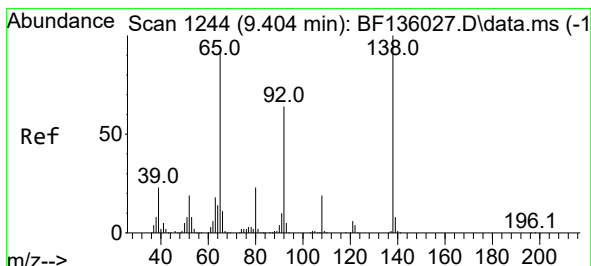
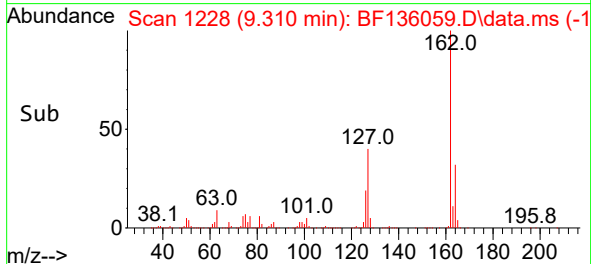
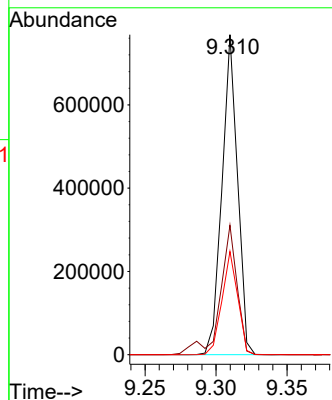
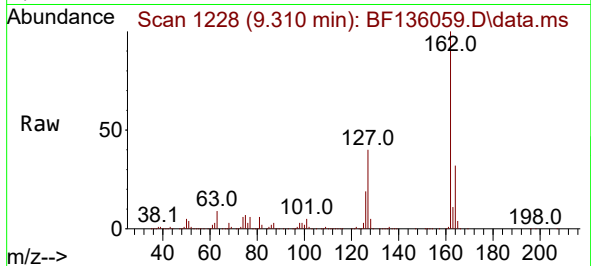




#47
2-Chloronaphthalene
Concen: 51.577 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

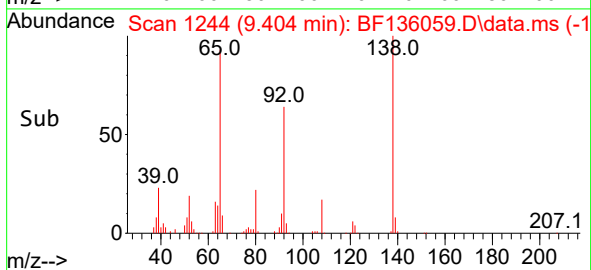
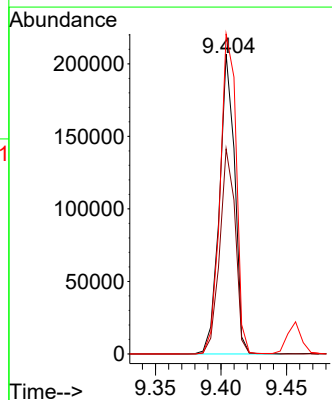
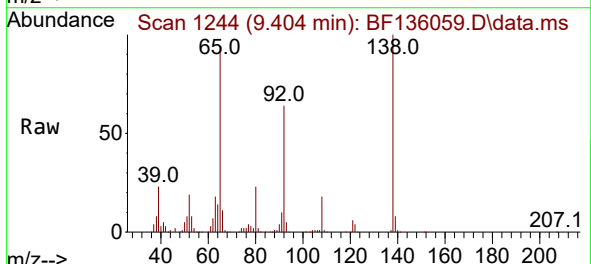
Instrument :
BNA_F
ClientSampleId :
TP-4MS

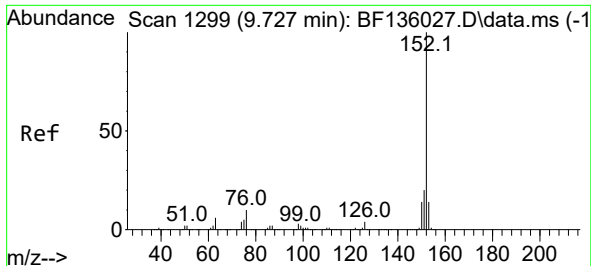
Tgt Ion:162 Resp: 582470
Ion Ratio Lower Upper
162 100
127 40.4 32.4 48.6
164 32.2 26.7 40.1



#48
2-Nitroaniline
Concen: 49.848 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion: 65 Resp: 166601
Ion Ratio Lower Upper
65 100
92 68.4 55.7 83.5
138 106.7 86.8 130.2

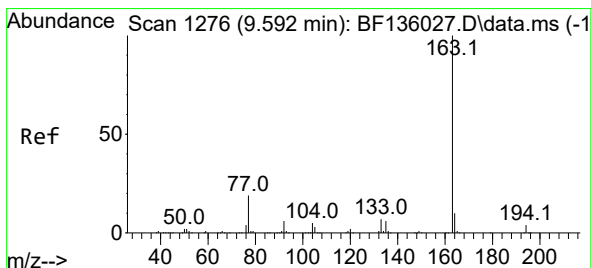
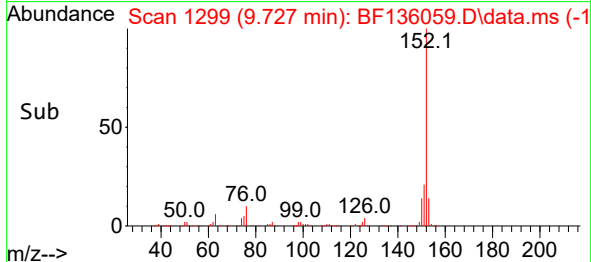
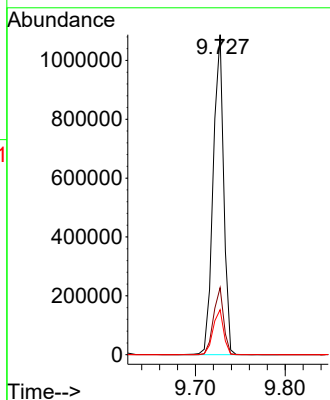
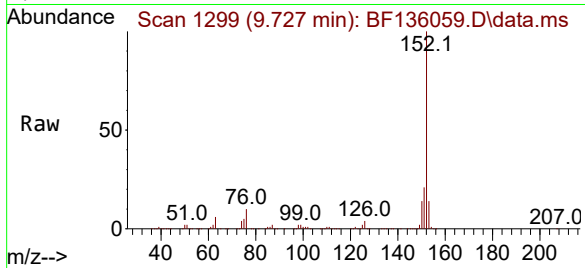




#49
Acenaphthylene
Concen: 50.193 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

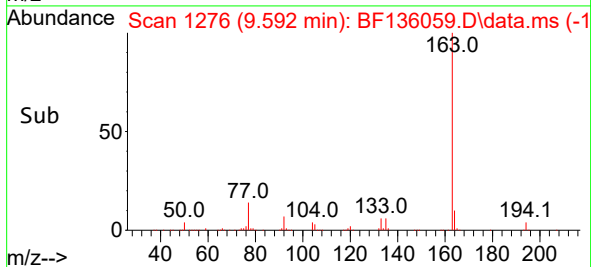
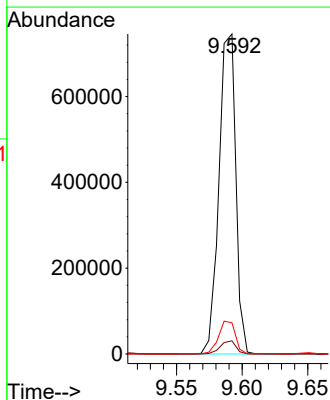
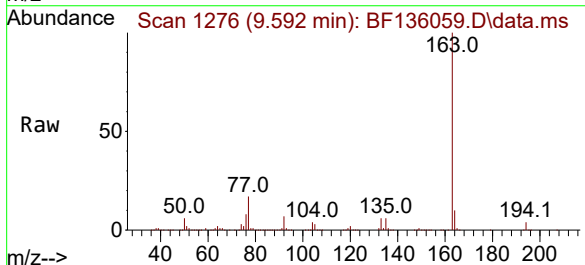
Instrument :
BNA_F
ClientSampleId :
TP-4MS

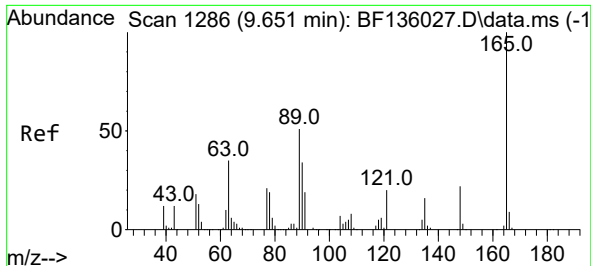
Tgt Ion:152 Resp: 884276
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 14.0 11.4 17.2



#50
Dimethylphthalate
Concen: 50.132 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:163 Resp: 664508
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.049 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

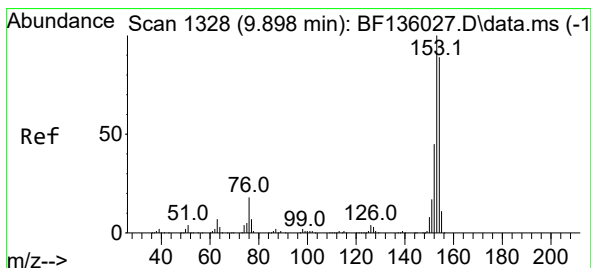
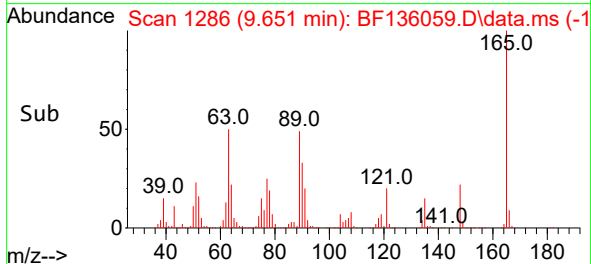
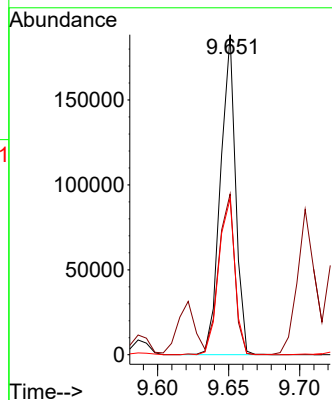
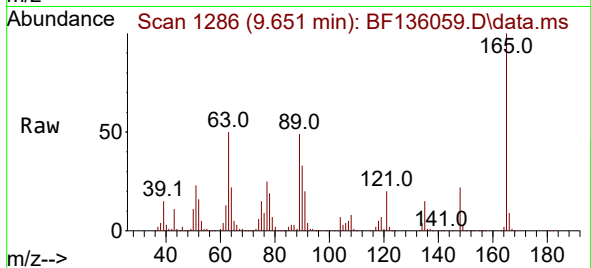
Tgt Ion:165 Resp: 139054

Ion Ratio Lower Upper

165 100

63 50.2 40.8 61.2

89 48.8 41.1 61.7



#52

Acenaphthene

Concen: 51.636 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

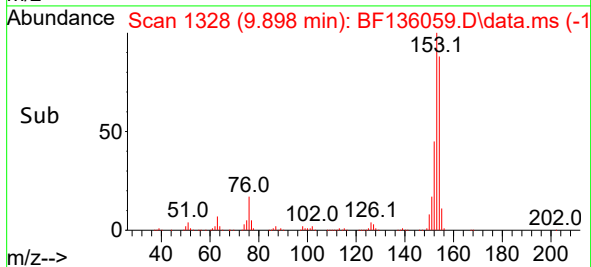
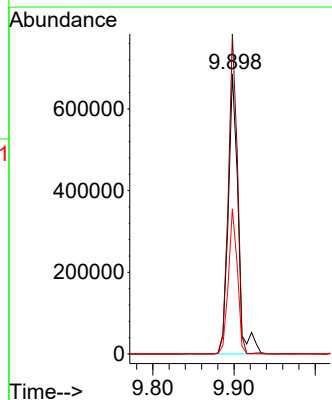
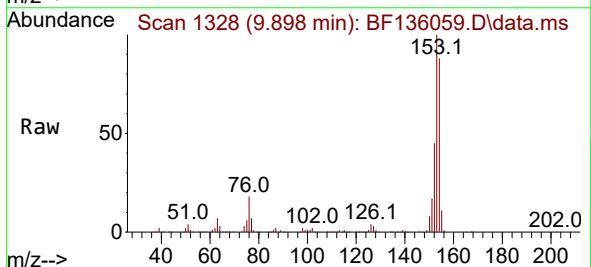
Tgt Ion:154 Resp: 578305

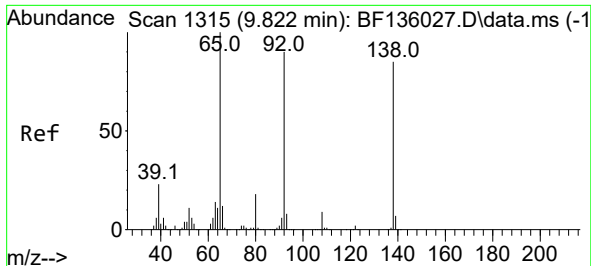
Ion Ratio Lower Upper

154 100

153 114.3 89.9 134.9

152 51.8 40.2 60.2

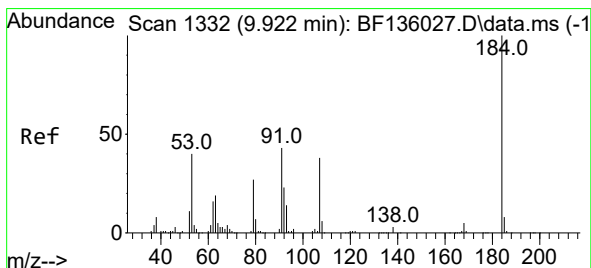
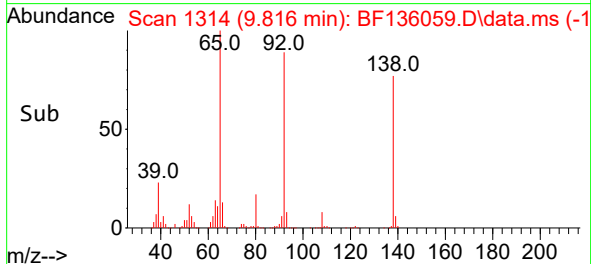
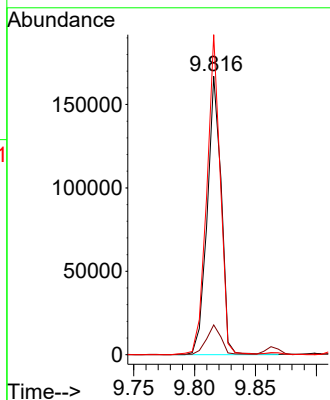
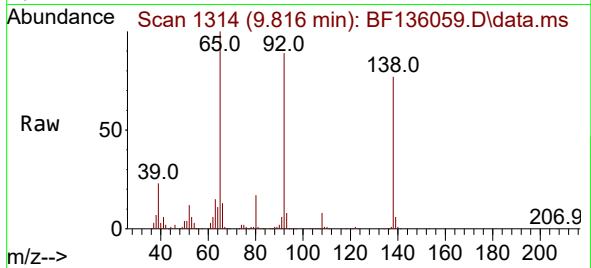




#53
3-Nitroaniline
Concen: 40.253 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

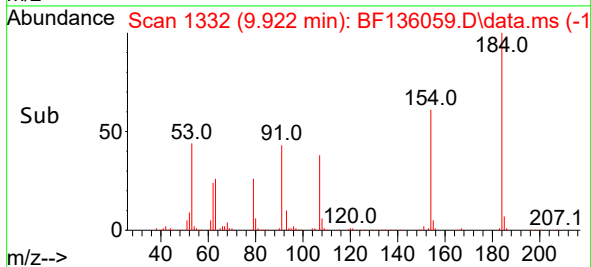
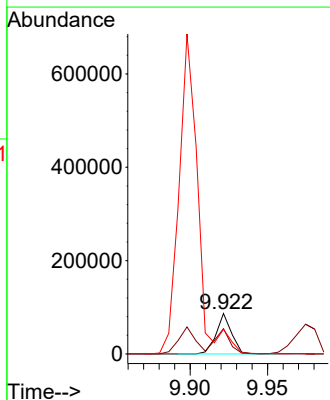
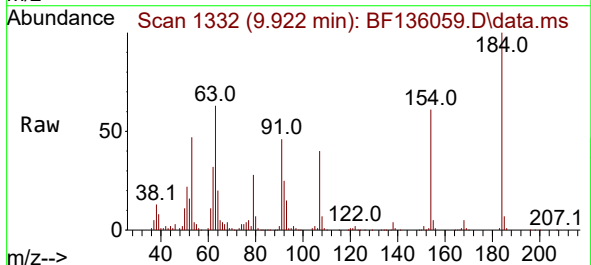
Instrument :
BNA_F
ClientSampleId :
TP-4MS

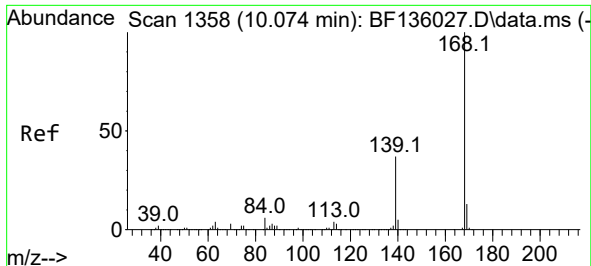
Tgt Ion:138 Resp: 133155
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 115.0 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 43.048 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:184 Resp: 59854
Ion Ratio Lower Upper
184 100
63 62.5 43.7 65.5
154 60.9 51.2 76.8

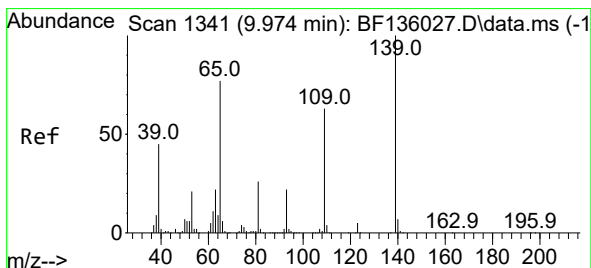
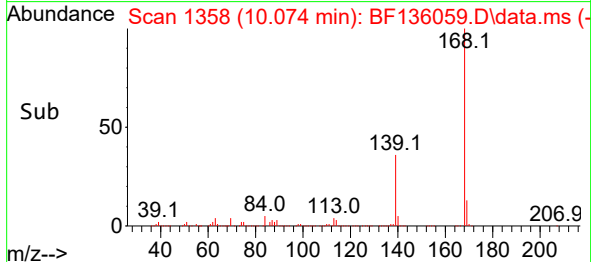
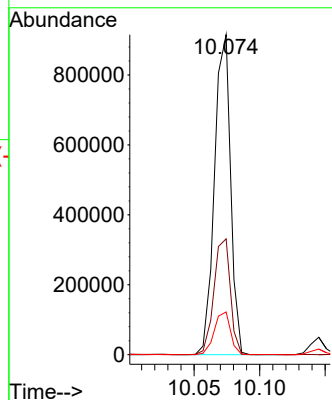
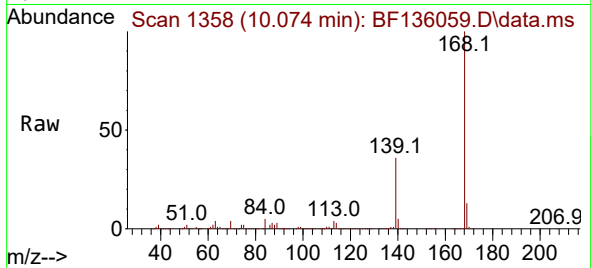




#55
Dibenzenofuran
Concen: 47.815 ng
RT: 10.074 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

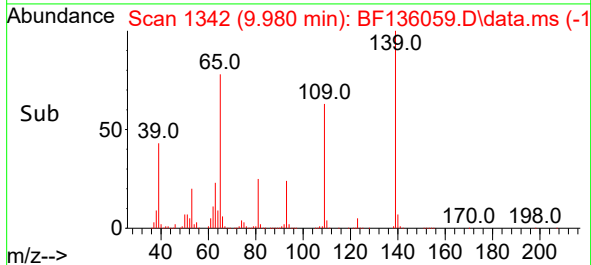
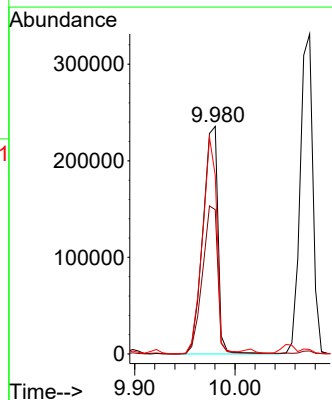
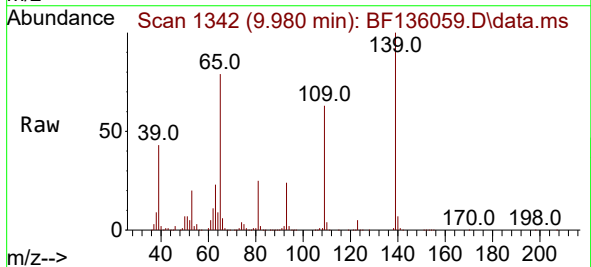
Instrument :
BNA_F
ClientSampleId :
TP-4MS

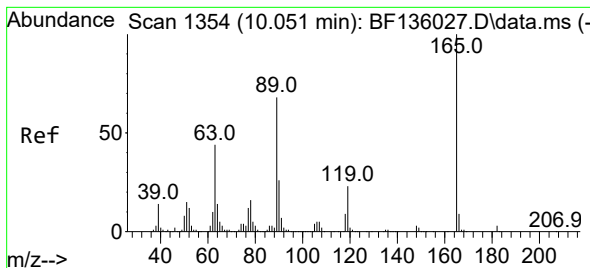
Tgt Ion:168 Resp: 780860
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.0
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 99.718 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:139 Resp: 246741
Ion Ratio Lower Upper
139 100
109 63.5 43.2 83.2
65 78.5 57.6 97.6

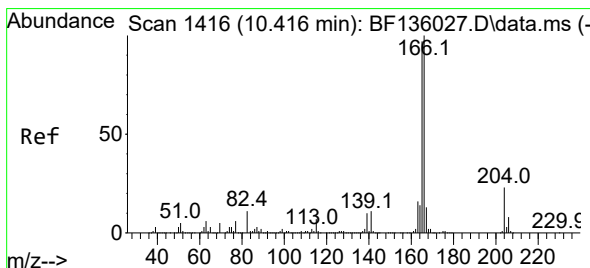
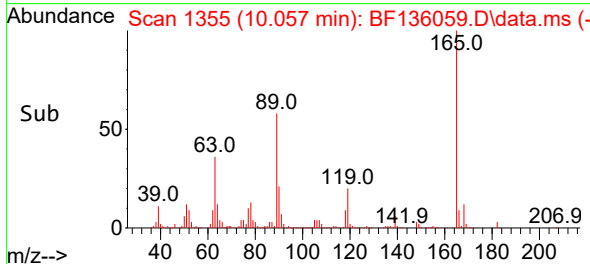
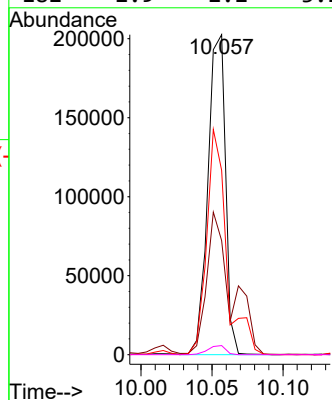
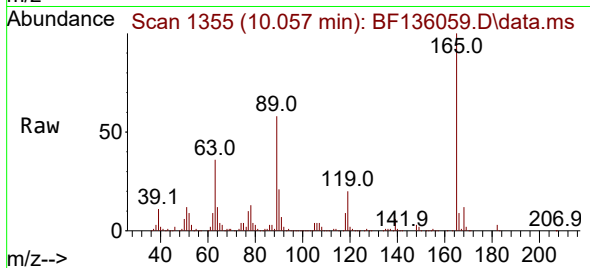




#57
2,4-Dinitrotoluene
Concen: 48.752 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

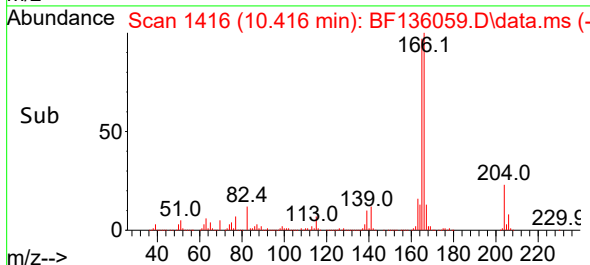
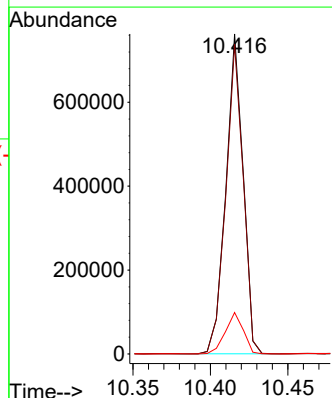
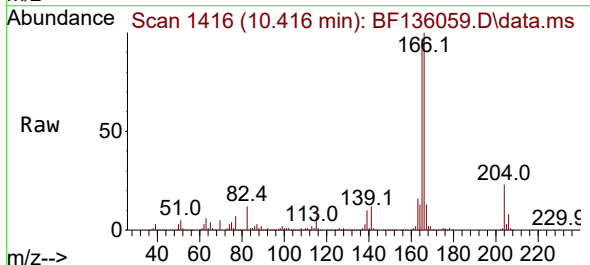
Instrument :
BNA_F
ClientSampleId :
TP-4MS

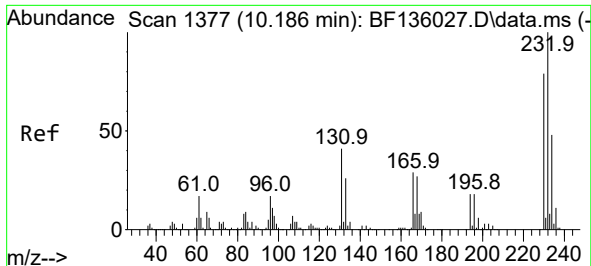
Tgt Ion:165 Resp: 174872
Ion Ratio Lower Upper
165 100
63 35.6 35.2 52.8
89 57.6 54.8 82.2
182 2.9 2.2 3.2



#58
Fluorene
Concen: 48.317 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:166 Resp: 590777
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.0 10.6 16.0

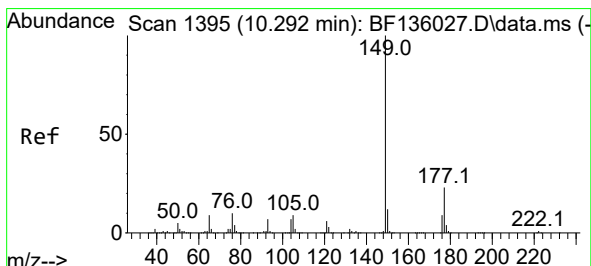
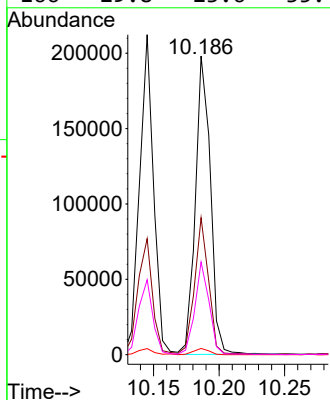
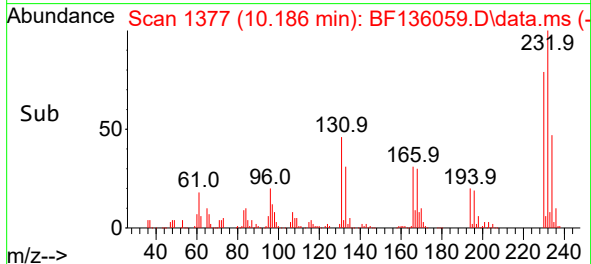
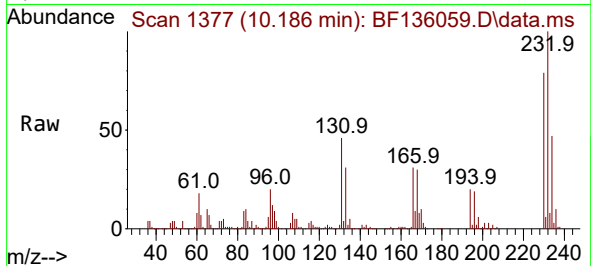




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.925 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

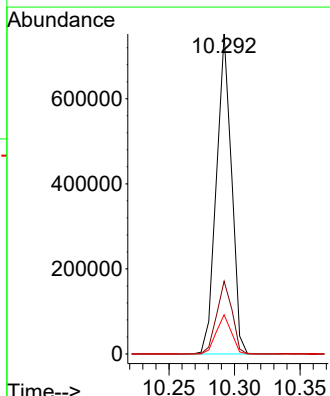
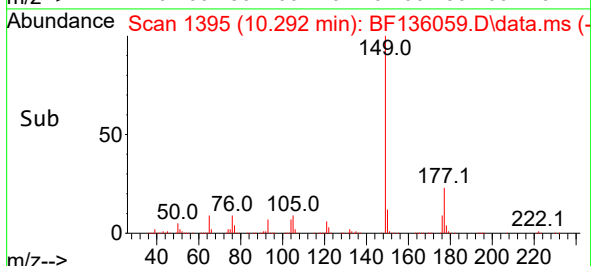
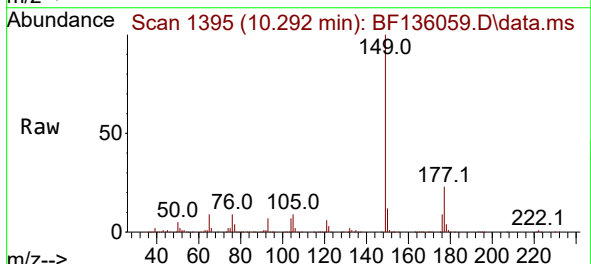
Instrument :
BNA_F
ClientSampleId :
TP-4MS

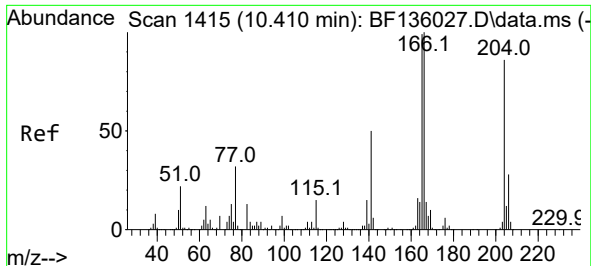
Tgt Ion:232 Resp: 158042
Ion Ratio Lower Upper
232 100
131 43.3 34.6 52.0
130 2.1 1.6 2.4
166 29.8 23.6 35.4



#60
Diethylphthalate
Concen: 47.509 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:149 Resp: 601703
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.3 9.9 14.9

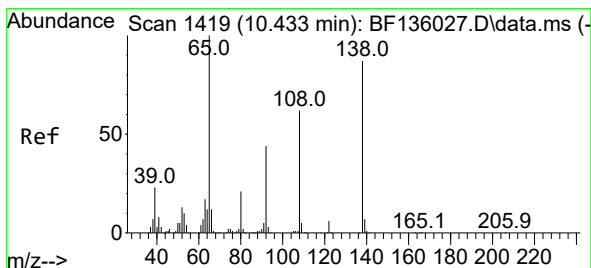
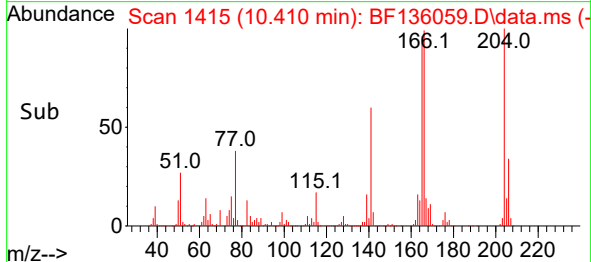
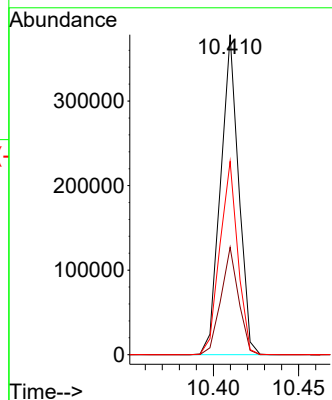
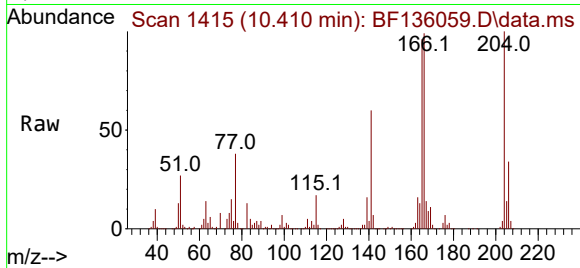




#61
4-Chlorophenyl-phenylether
Concen: 45.740 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

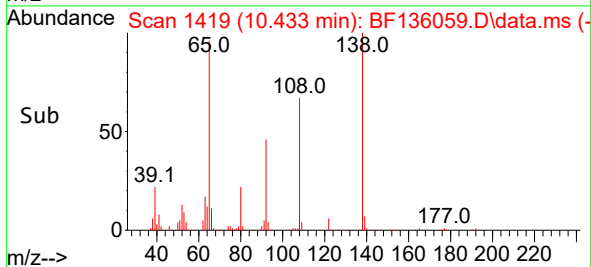
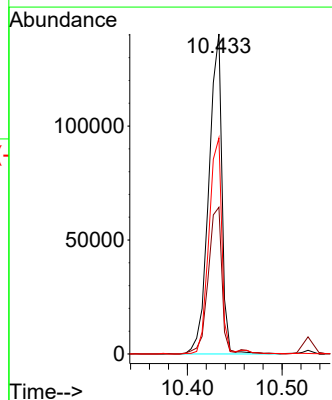
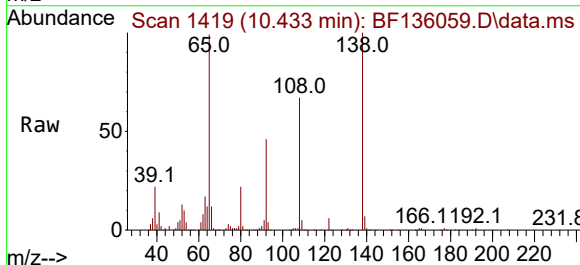
Instrument :
BNA_F
ClientSampleId :
TP-4MS

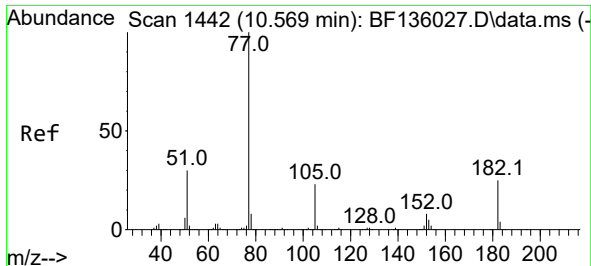
Tgt Ion:204 Resp: 279176
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 60.4 46.8 70.2



#62
4-Nitroaniline
Concen: 42.489 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:138 Resp: 135340
Ion Ratio Lower Upper
138 100
92 45.8 30.6 70.6
108 67.5 51.5 91.5

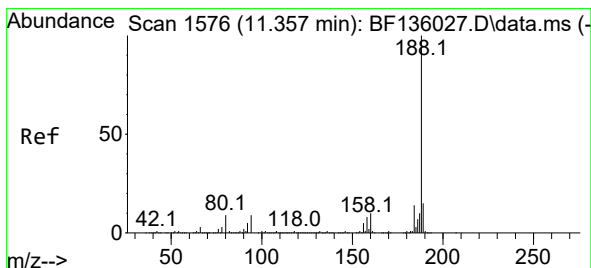
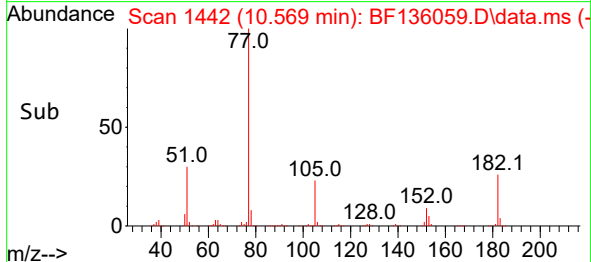
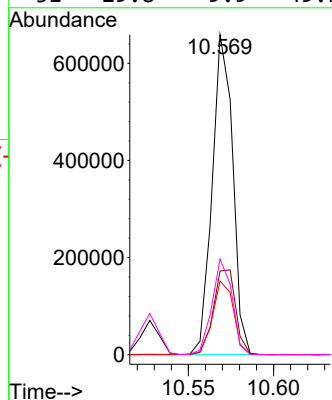
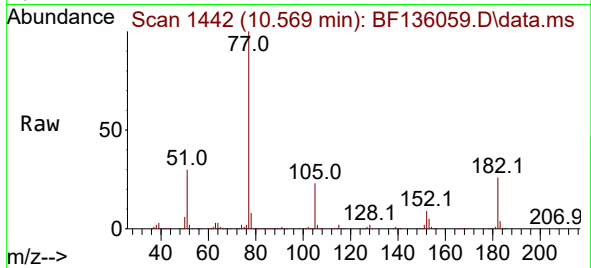




#63
Azobenzene
Concen: 45.139 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

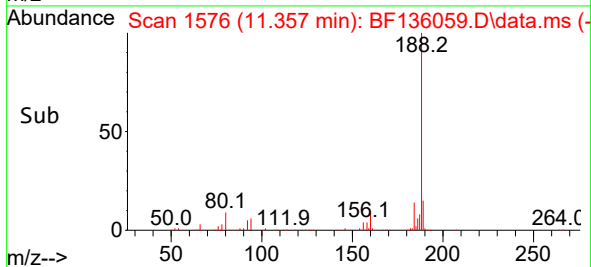
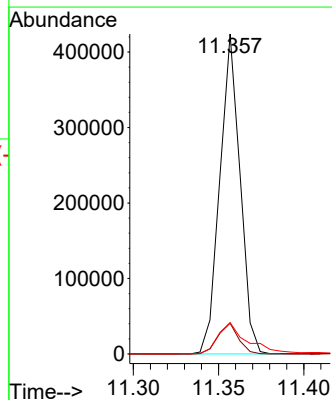
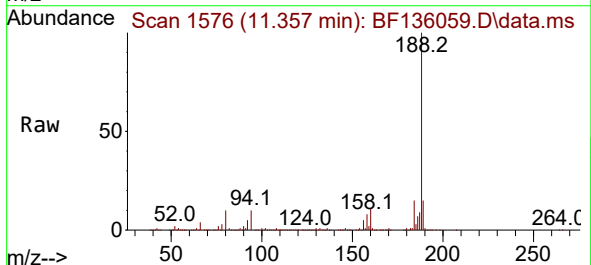
Instrument :
BNA_F
ClientSampleId :
TP-4MS

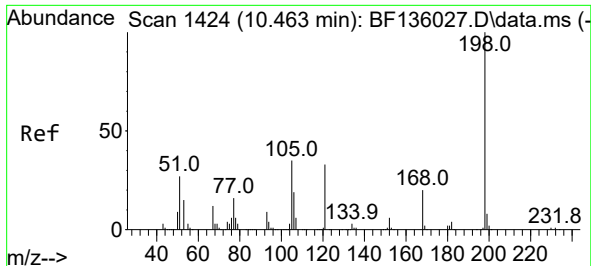
Tgt Ion:	77	Resp:	550561
Ion	Ratio	Lower	Upper
77	100		
182	26.2	5.0	45.0
105	23.1	2.6	42.6
51	29.8	9.9	49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:	188	Resp:	350321
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	9.8	7.4	11.0

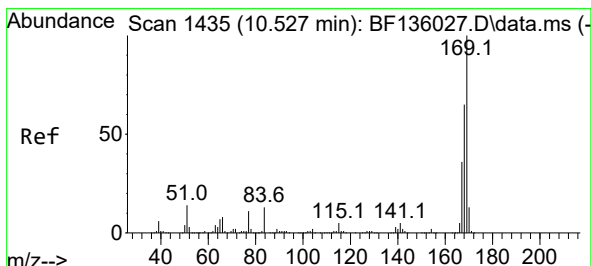
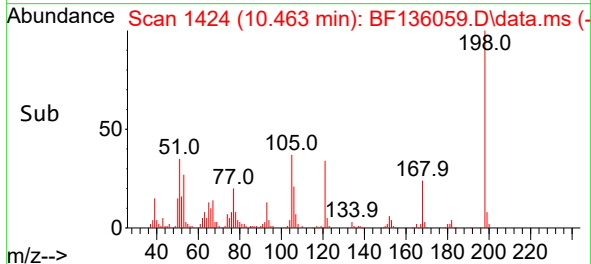
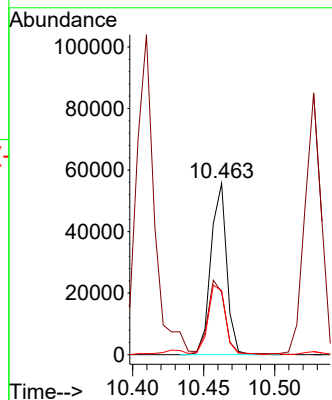
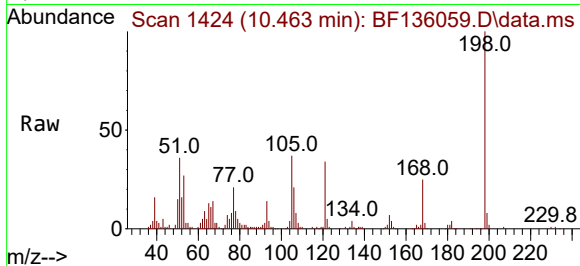




#65
4,6-Dinitro-2-methylphenol
Concen: 25.519 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

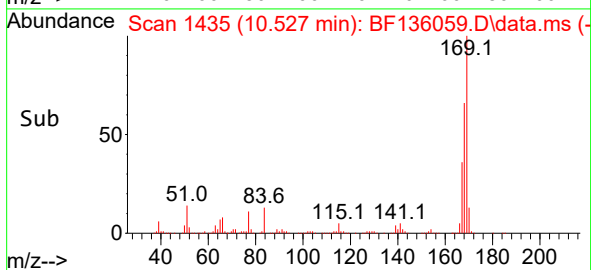
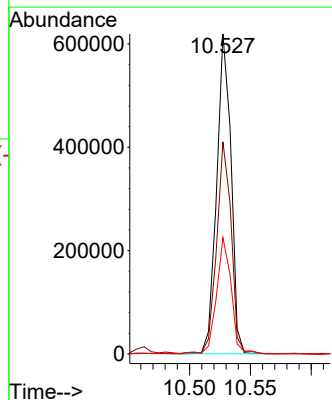
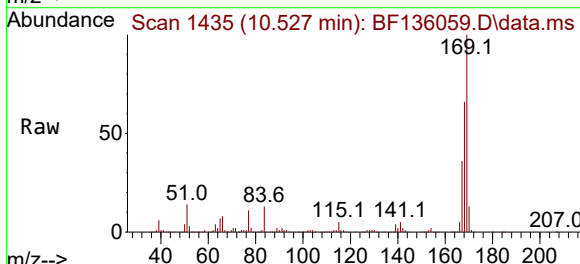
Instrument :
BNA_F
ClientSampleId :
TP-4MS

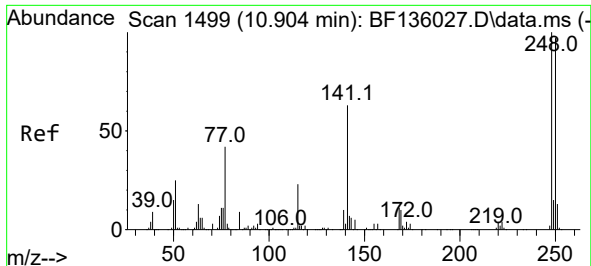
Tgt Ion:198 Resp: 43184
Ion Ratio Lower Upper
198 100
51 36.4 12.9 52.9
105 37.4 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 48.089 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:169 Resp: 508198
Ion Ratio Lower Upper
169 100
168 66.3 52.2 78.2
167 36.4 28.7 43.1

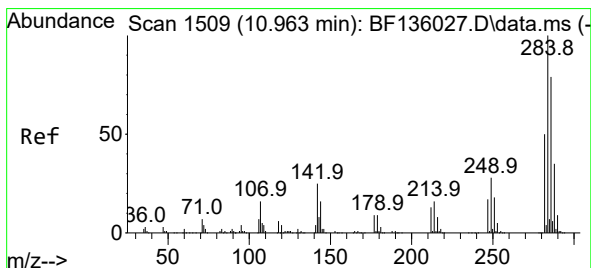
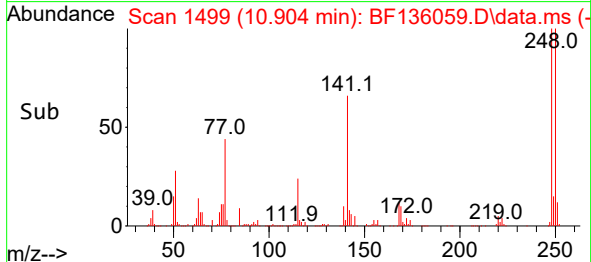
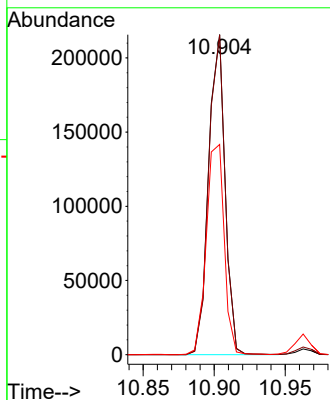
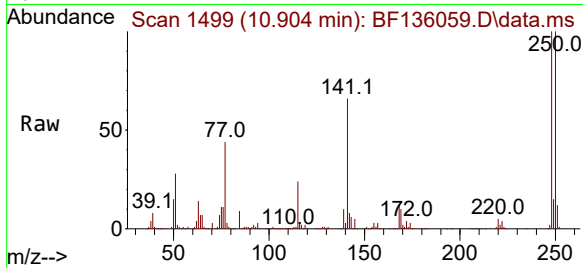




#67
4-Bromophenyl-phenylether
Concen: 47.706 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

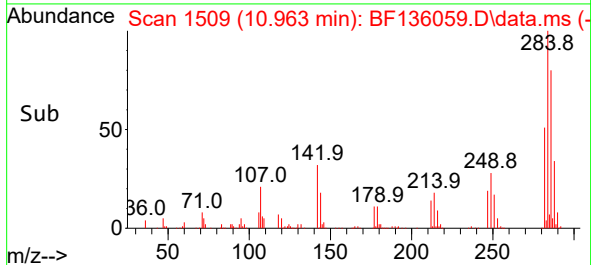
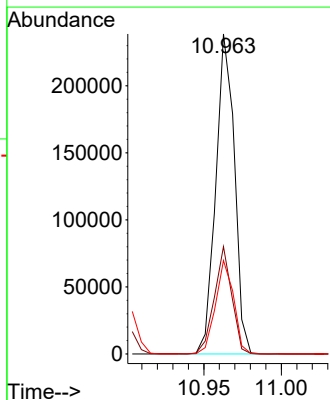
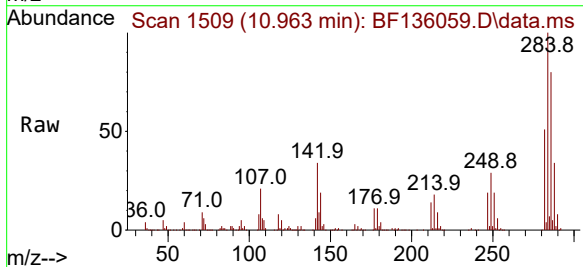
Instrument :
BNA_F
ClientSampleId :
TP-4MS

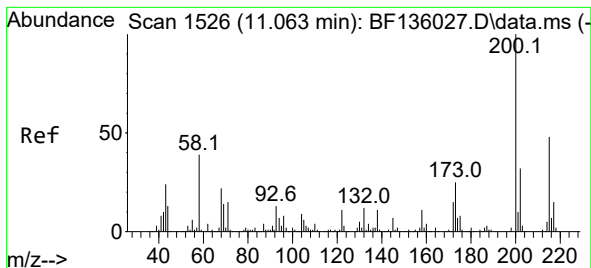
Tgt Ion:248 Resp: 175216
Ion Ratio Lower Upper
248 100
250 100.0 77.6 116.4
141 65.7 50.4 75.6



#68
Hexachlorobenzene
Concen: 50.821 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:284 Resp: 199354
Ion Ratio Lower Upper
284 100
142 33.6 20.2 30.4#
249 29.2 22.6 33.8





#69

Atrazine

Concen: 59.743 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

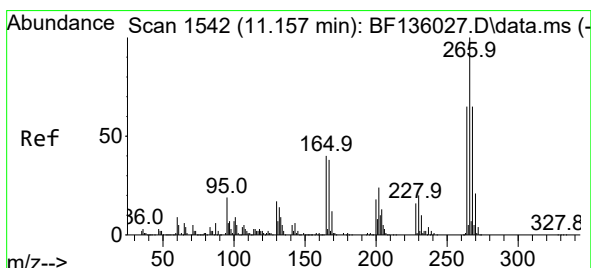
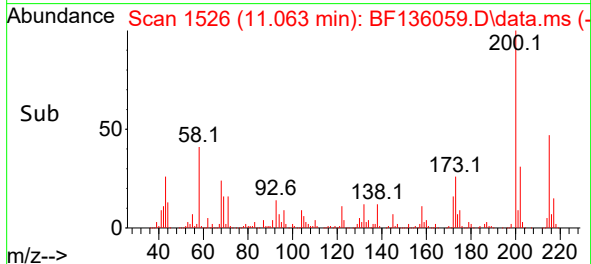
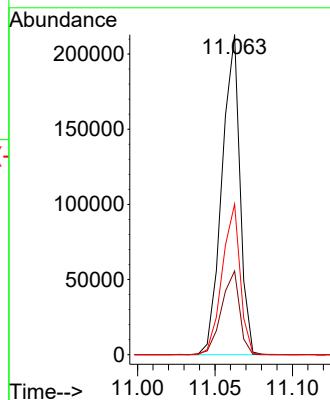
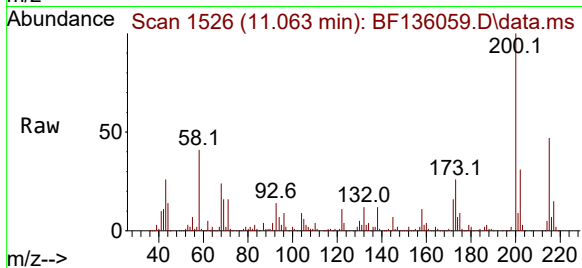
Tgt Ion:200 Resp: 171780

Ion Ratio Lower Upper

200 100

173 26.2 5.2 45.2

215 47.0 28.4 68.4



#70

Pentachlorophenol

Concen: 93.826 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

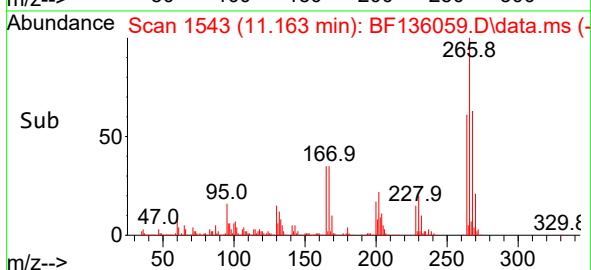
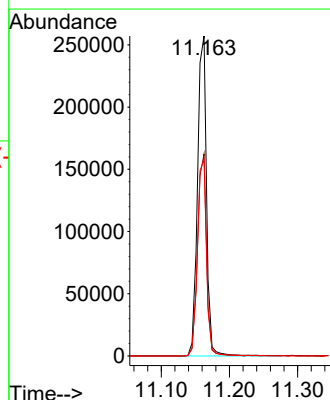
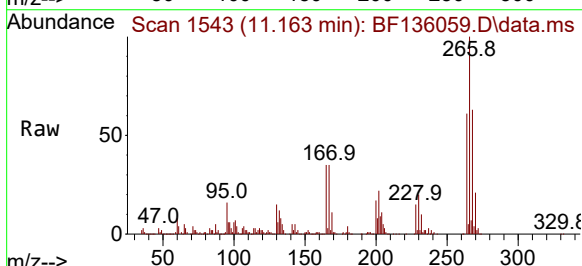
Tgt Ion:266 Resp: 236369

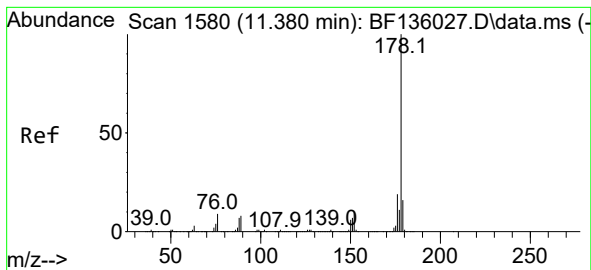
Ion Ratio Lower Upper

266 100

268 63.1 52.2 78.4

264 61.3 52.2 78.4





#71

Phenanthrene

Concen: 67.262 ng

RT: 11.386 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

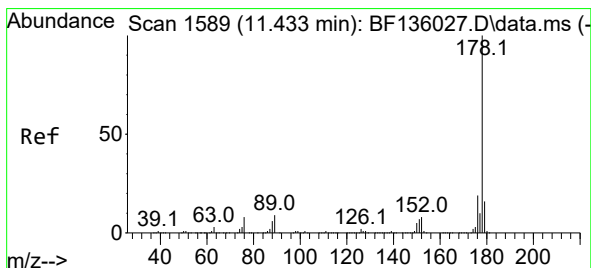
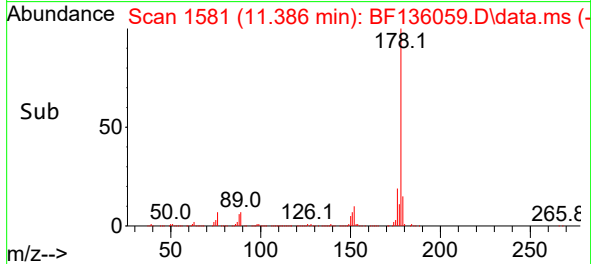
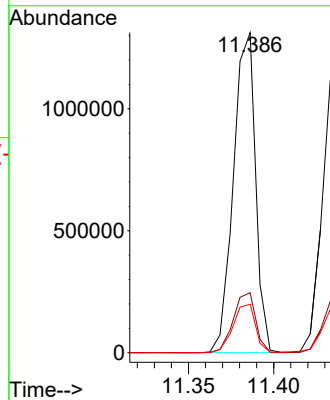
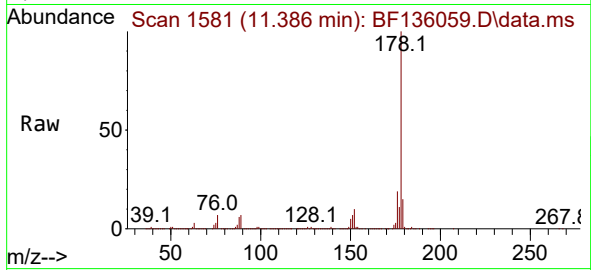
Tgt Ion:178 Resp: 1186425

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

179 15.1 12.9 19.3



#72

Anthracene

Concen: 52.753 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

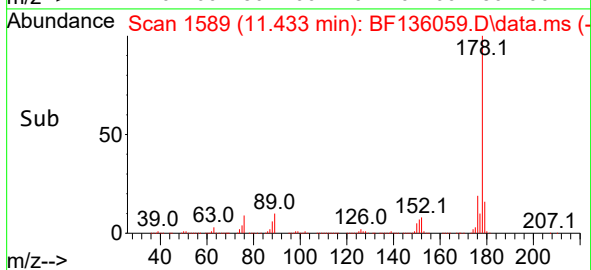
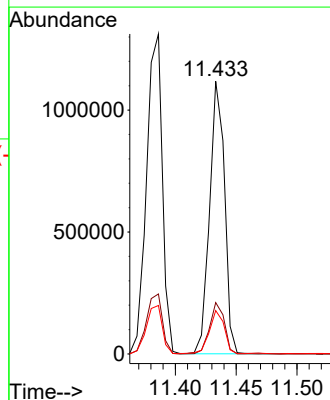
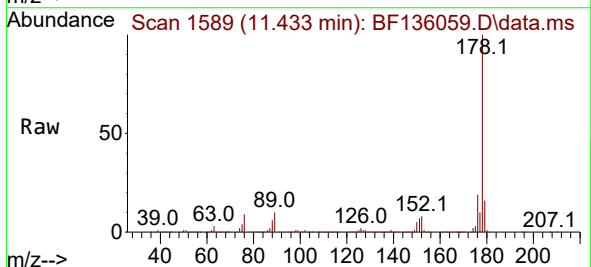
Tgt Ion:178 Resp: 953472

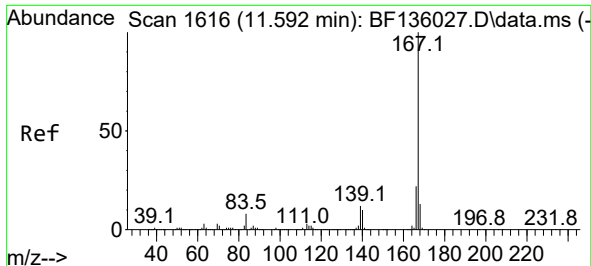
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.9 12.6 18.8

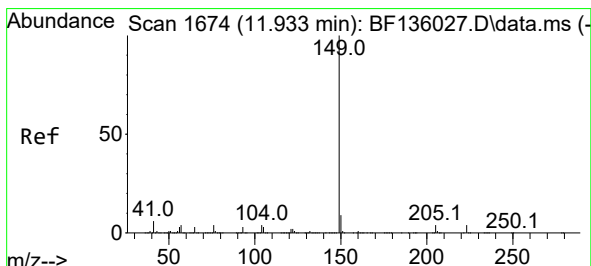
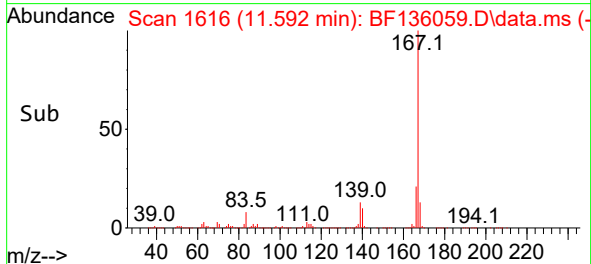
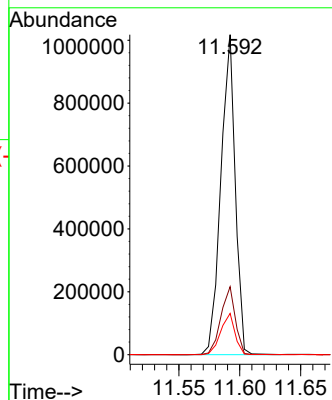
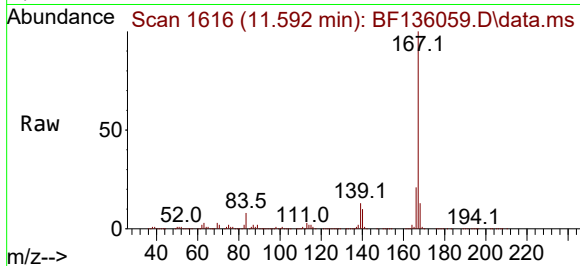




#73
 Carbazole
 Concen: 53.347 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

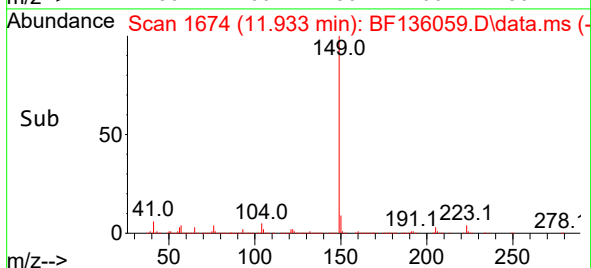
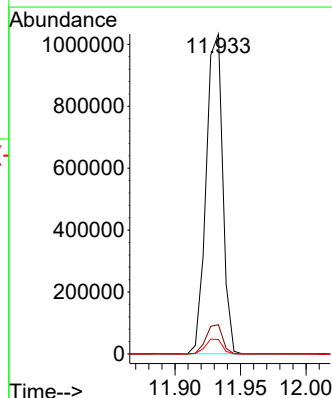
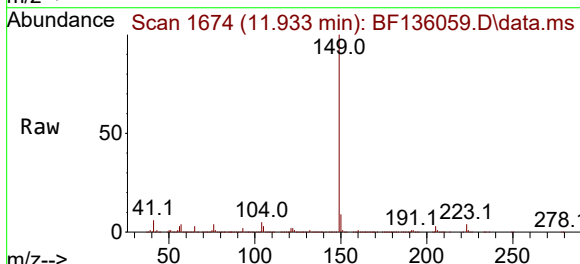
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

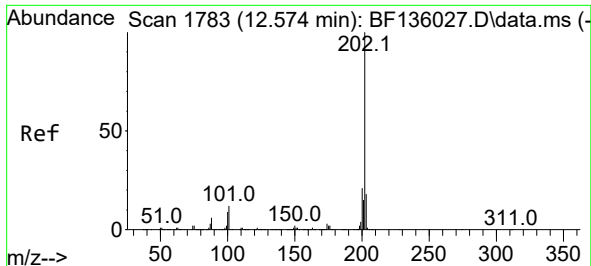
Tgt Ion:167 Resp: 837894
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.9 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 50.661 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

Tgt Ion:149 Resp: 909213
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.5 3.6 5.4

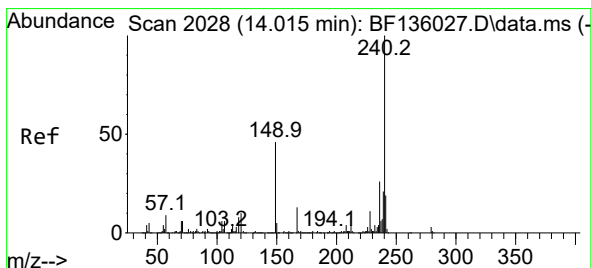
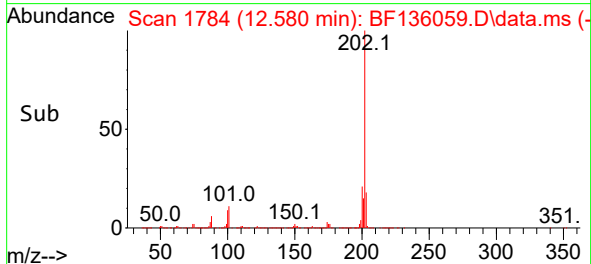
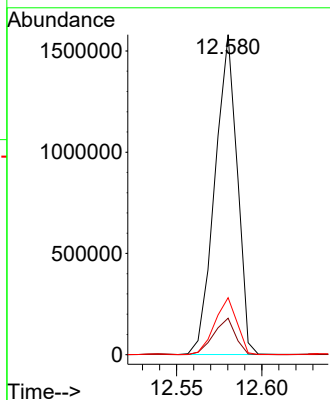
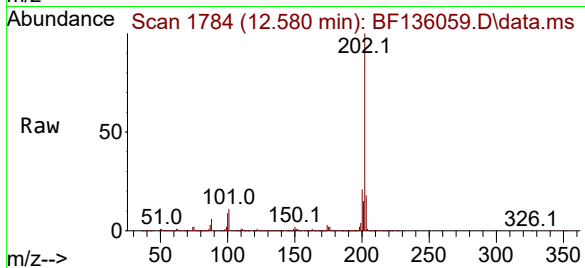




#75
Fluoranthene
Concen: 79.399 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

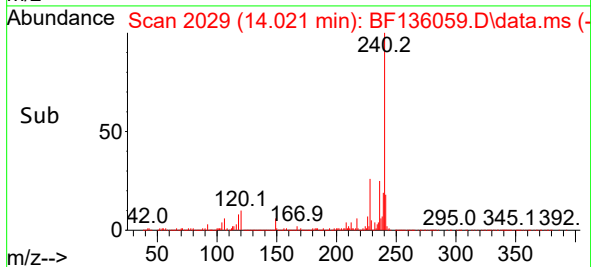
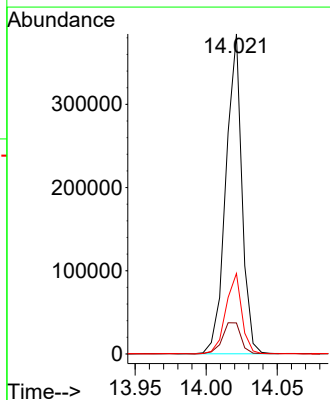
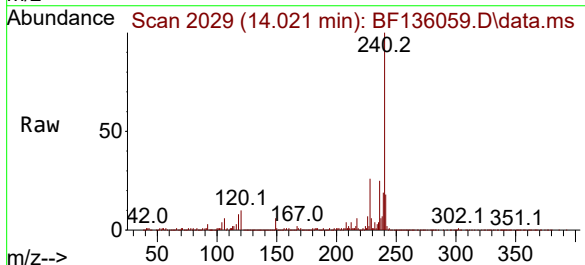
Instrument :
BNA_F
ClientSampleId :
TP-4MS

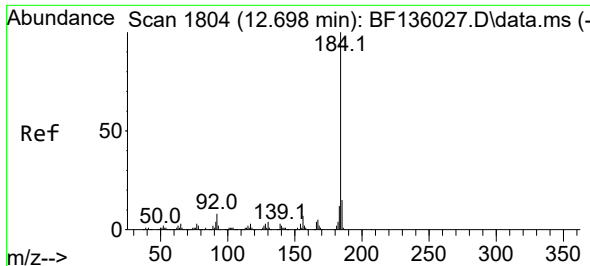
Tgt Ion:202 Resp: 1438748
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.8
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:240 Resp: 301294
Ion Ratio Lower Upper
240 100
120 9.7 7.6 11.4
236 25.1 20.6 31.0

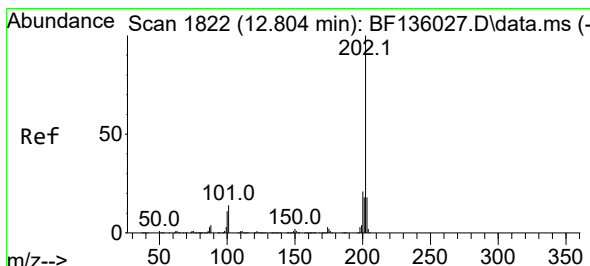
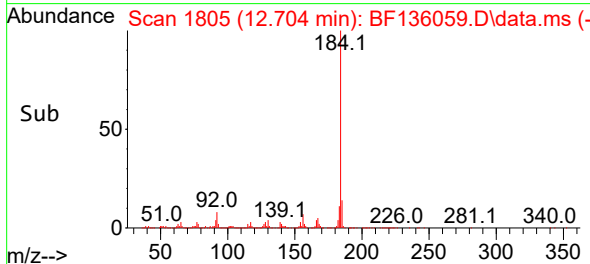
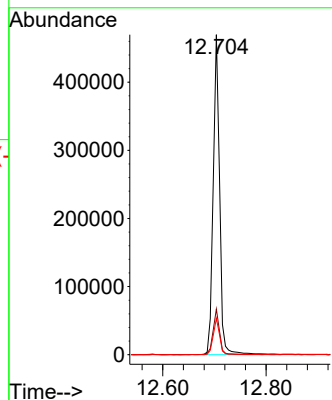
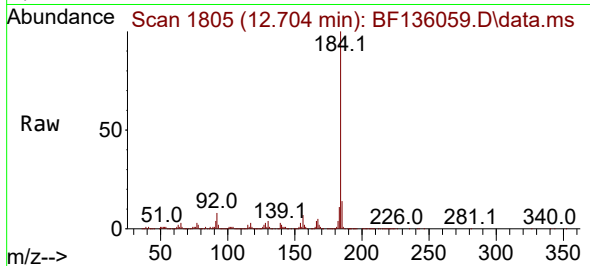




#77
Benzidine
Concen: 68.981 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

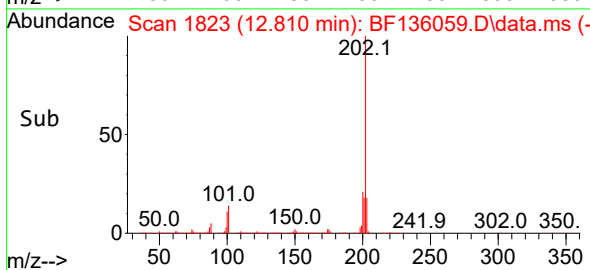
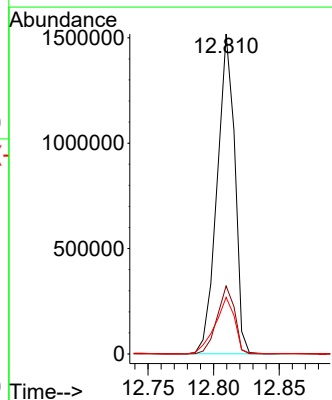
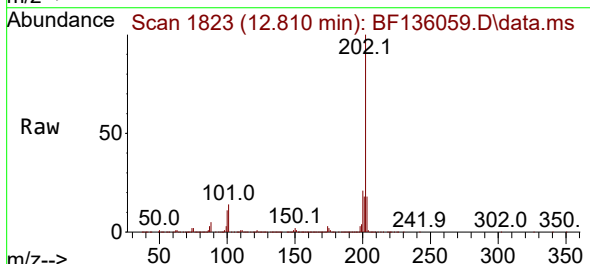
Instrument :
BNA_F
ClientSampleId :
TP-4MS

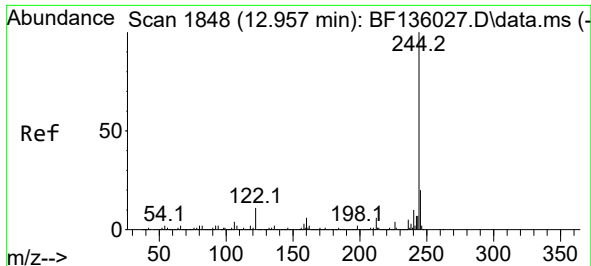
Tgt Ion:184 Resp: 405091
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 11.4 9.5 14.3



#78
Pyrene
Concen: 53.360 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:202 Resp: 1417423
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.4 21.6

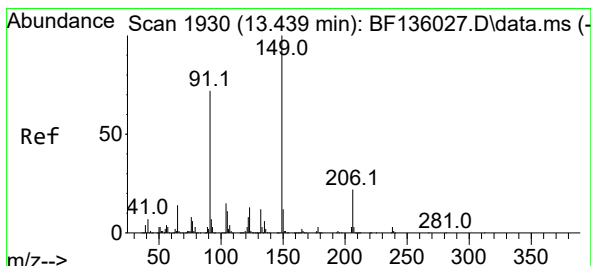
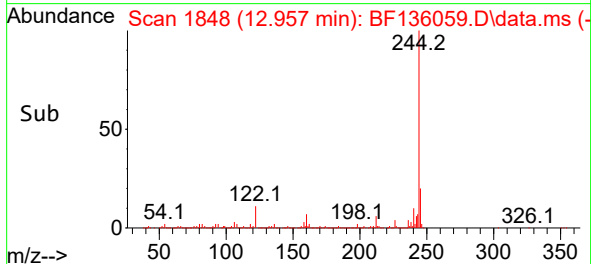
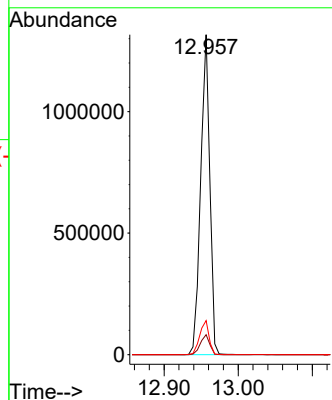
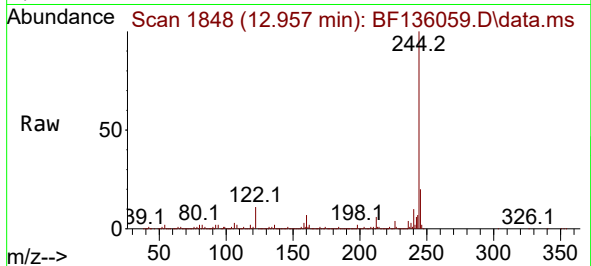




#79
 Terphenyl-d14
 Concen: 58.168 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

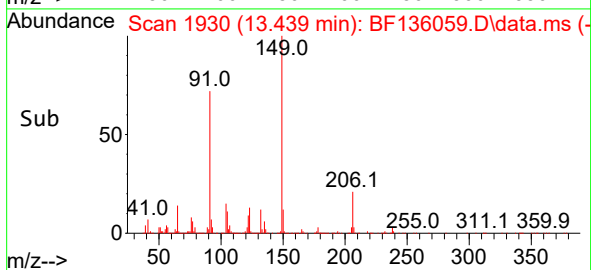
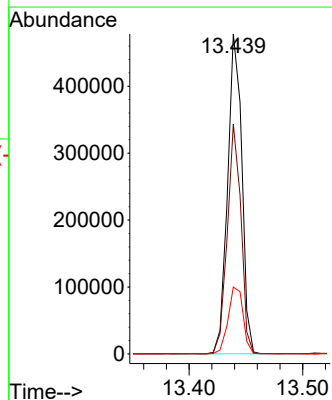
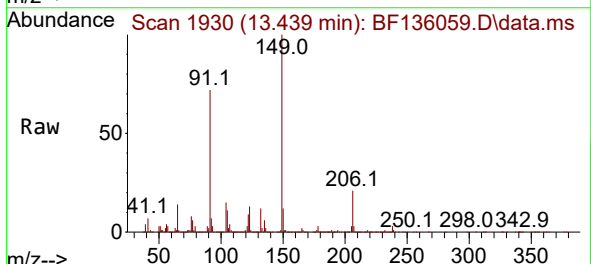
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

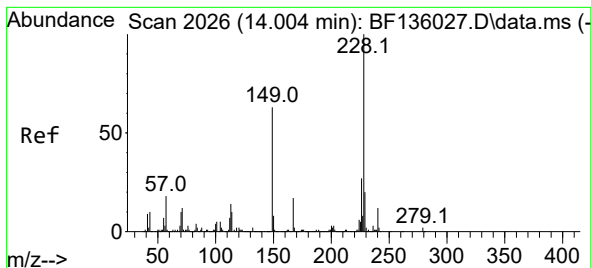
Tgt Ion:244 Resp: 1127763
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 10.6 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 43.705 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

Tgt Ion:149 Resp: 415566
 Ion Ratio Lower Upper
 149 100
 91 71.9 57.6 86.4
 206 20.9 17.4 26.0





#81

Benzo(a)anthracene

Concen: 57.368 ng

RT: 14.009 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

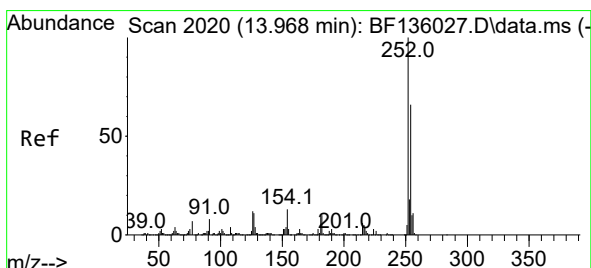
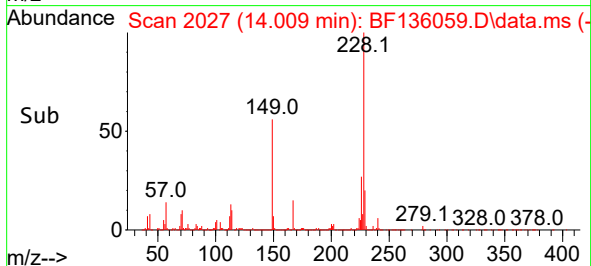
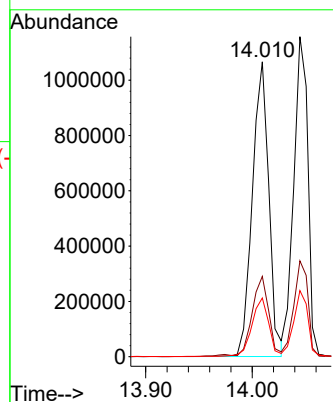
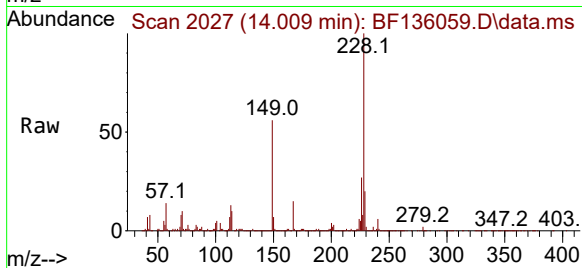
Tgt Ion:228 Resp: 1144283

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 55.662 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

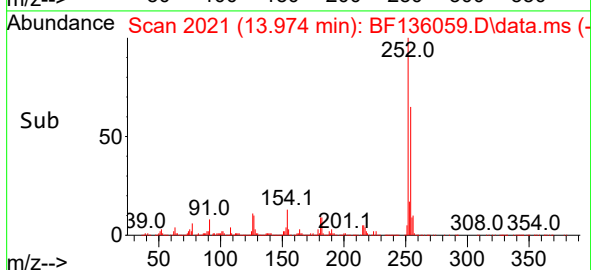
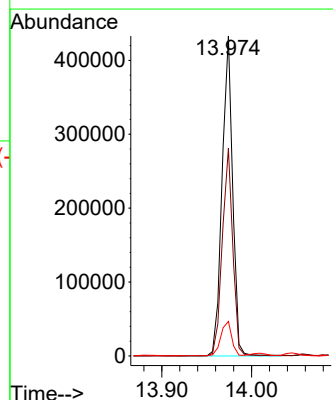
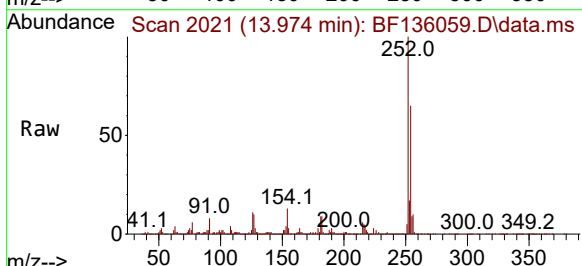
Tgt Ion:252 Resp: 354361

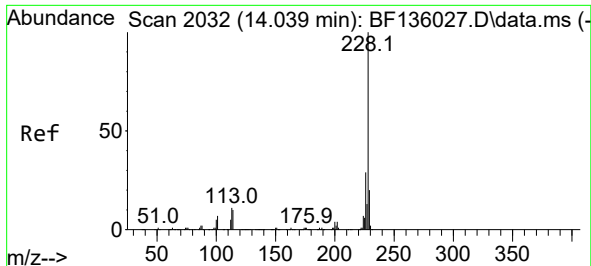
Ion Ratio Lower Upper

252 100

254 64.9 52.5 78.7

126 10.8 9.4 14.2

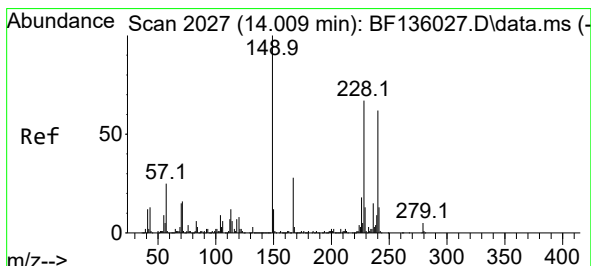
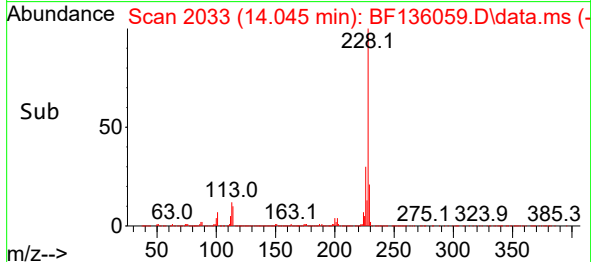
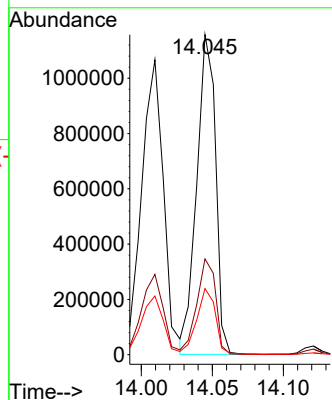
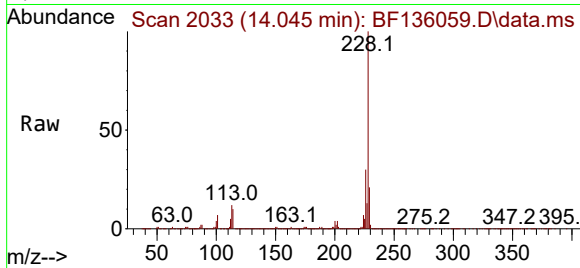




#83
Chrysene
Concen: 54.448 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

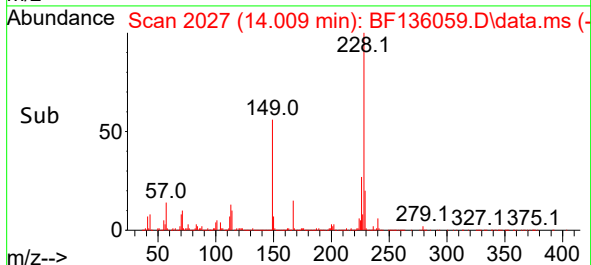
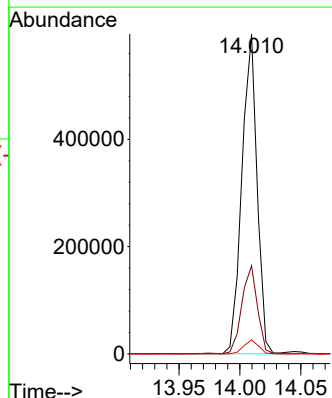
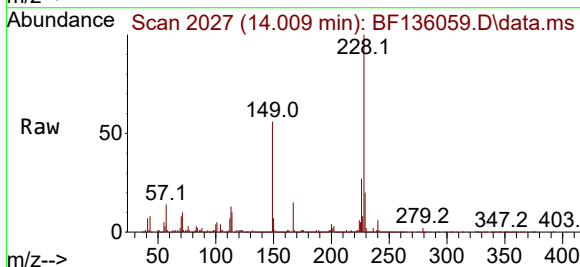
Instrument :
BNA_F
ClientSampleId :
TP-4MS

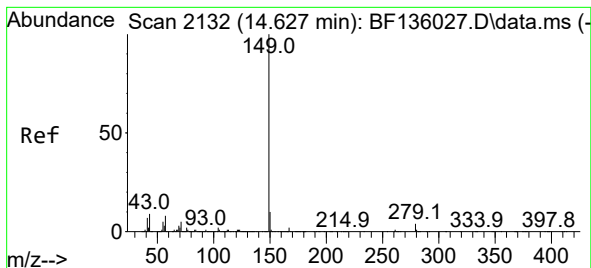
Tgt Ion:228 Resp: 1069557
Ion Ratio Lower Upper
228 100
226 30.0 23.5 35.3
229 20.7 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.742 ng
RT: 14.009 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:149 Resp: 517804
Ion Ratio Lower Upper
149 100
167 27.6 22.6 33.8
279 4.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 61.481 ng

RT: 14.627 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

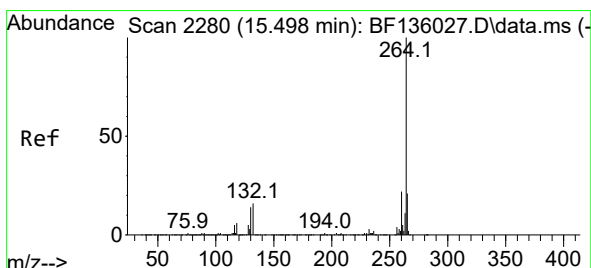
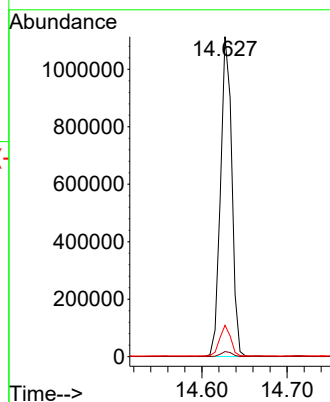
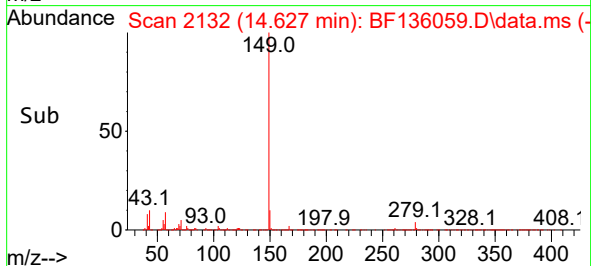
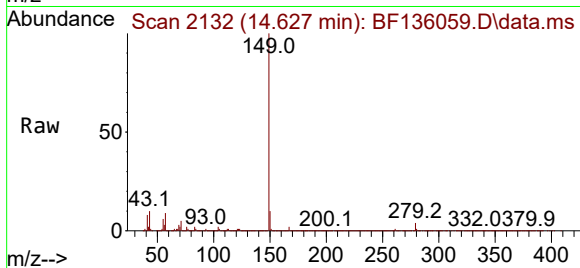
Tgt Ion:149 Resp: 1020304

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.3 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2282

Delta R.T. 0.012 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

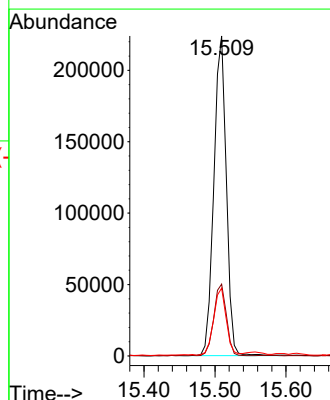
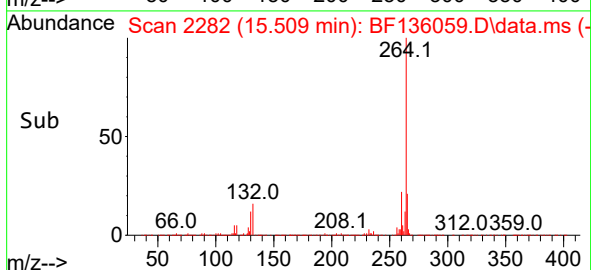
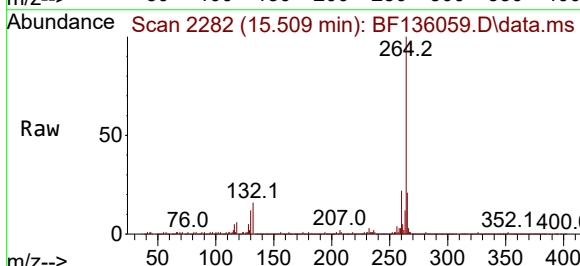
Tgt Ion:264 Resp: 272198

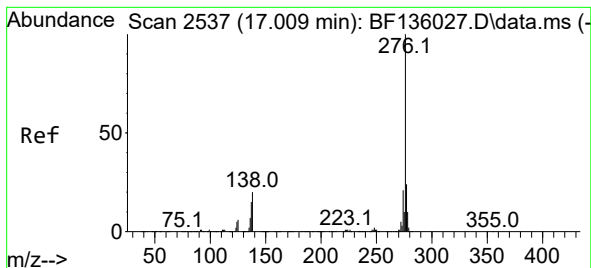
Ion Ratio Lower Upper

264 100

260 22.4 17.9 26.9

265 21.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.797 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

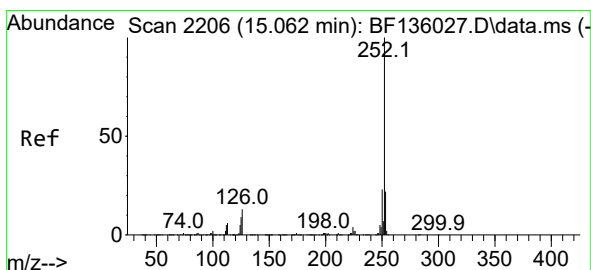
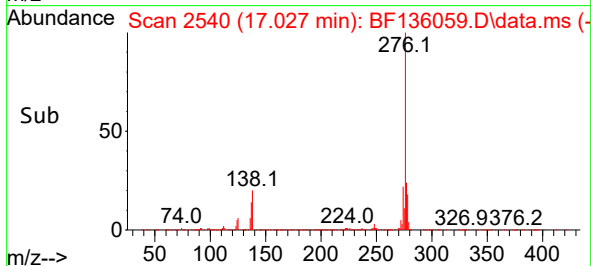
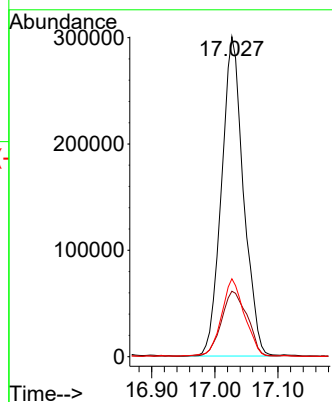
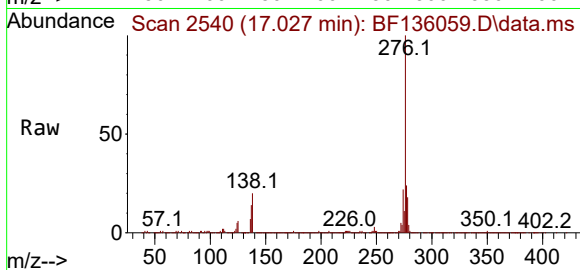
Tgt Ion:276 Resp: 725770

Ion Ratio Lower Upper

276 100

138 24.2 20.4 30.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 61.422 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

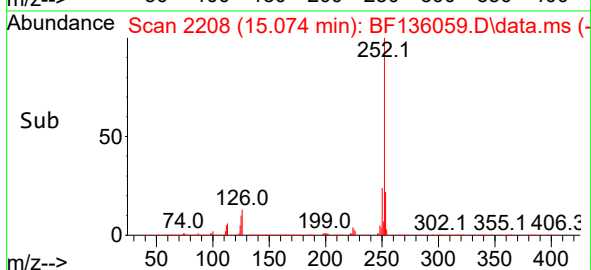
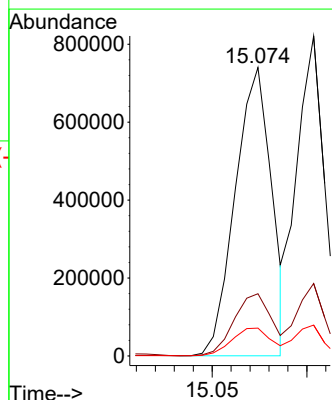
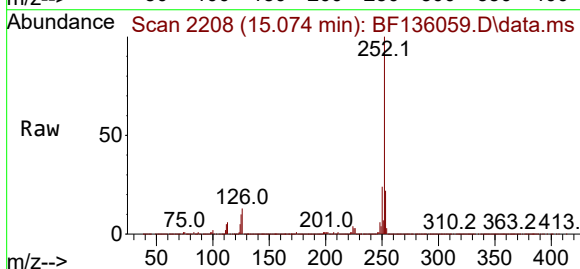
Tgt Ion:252 Resp: 989289

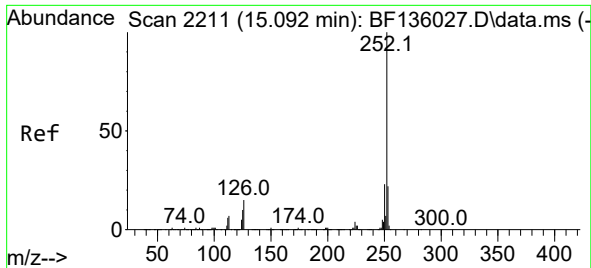
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.7 7.5 11.3

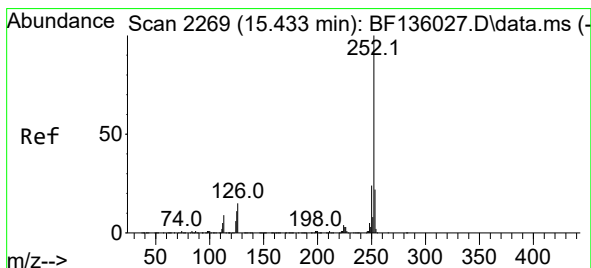
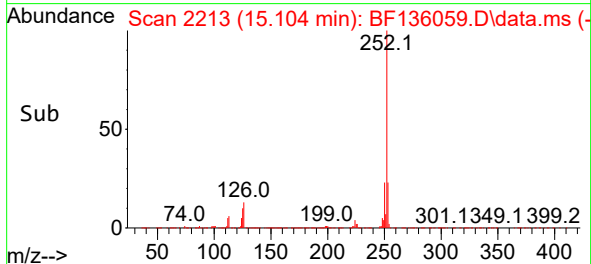
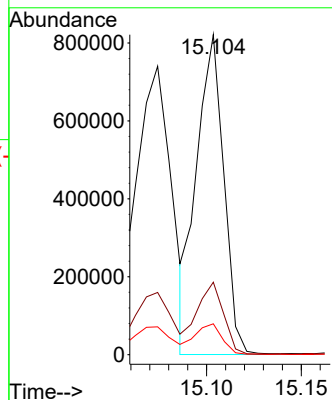
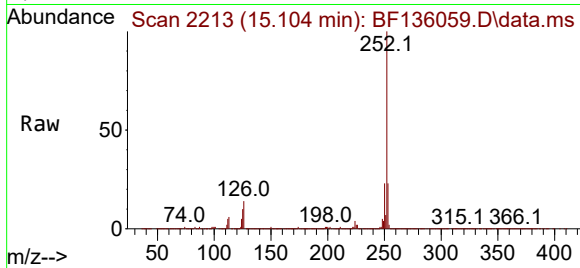




#89
Benzo(k)fluoranthene
Concen: 51.439 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

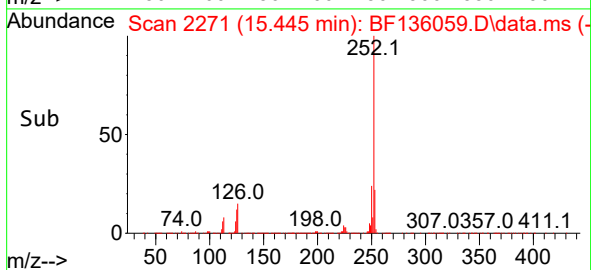
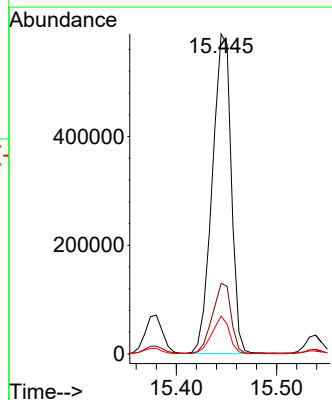
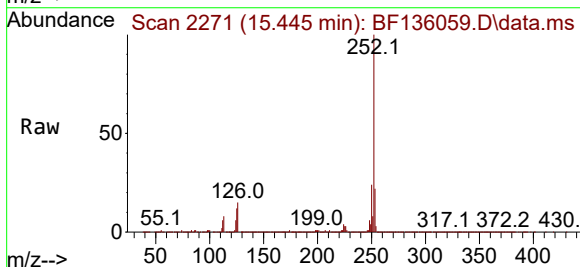
Instrument :
BNA_F
ClientSampleId :
TP-4MS

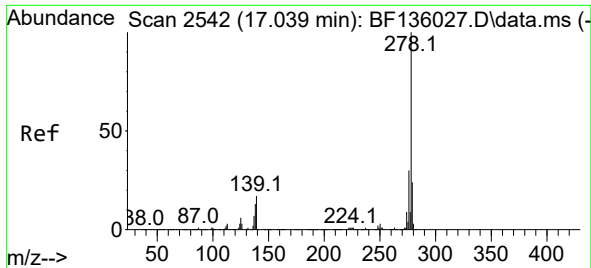
Tgt Ion:252 Resp: 819755
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 9.6 8.0 12.0



#90
Benzo(a)pyrene
Concen: 51.561 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:252 Resp: 771629
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.9 9.0 13.6

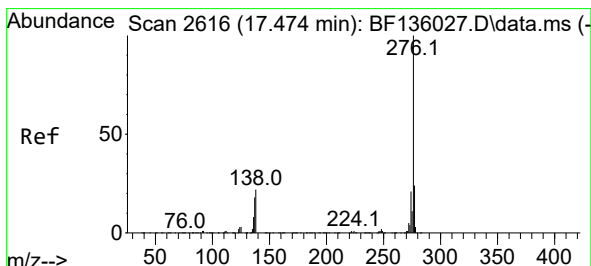
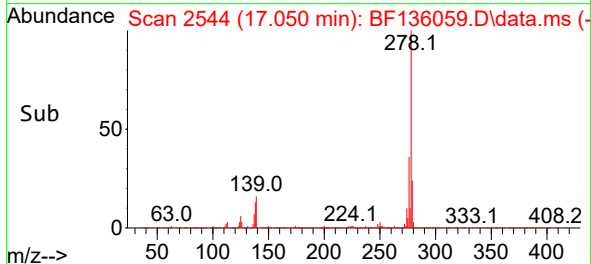
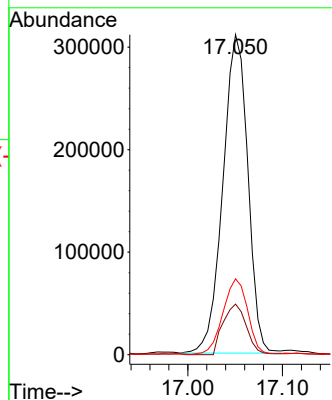
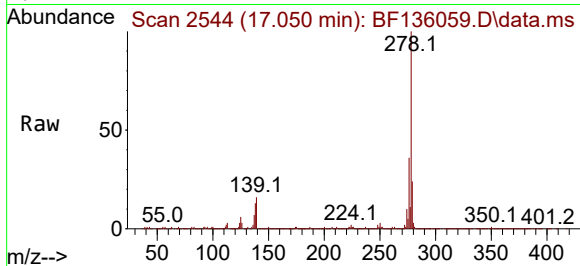




#91
Dibenzo(a,h)anthracene
Concen: 39.040 ng
RT: 17.050 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:278 Resp: 568895
Ion Ratio Lower Upper
278 100
139 15.8 13.7 20.5
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 35.574 ng
RT: 17.492 min Scan# 2619
Delta R.T. 0.018 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:276 Resp: 576958
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 20.0 17.4 26.2

