

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136116.D
 Acq On : 03 Nov 2023 10:58
 Operator : CG\JU
 Sample : PB156791BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156791BS

Quant Time: Nov 04 00:05:38 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	6.822	152	103104	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	423718	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	222693	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	403733	20.000	ng	0.00
76) Chrysene-d12	14.010	240	205462	20.000	ng	0.00
86) Perylene-d12	15.498	264	192003	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	878659	133.916	ng	0.00
7) Phenol-d6	6.463	99	1083020	132.481	ng	0.00
23) Nitrobenzene-d5	7.387	82	665809	94.725	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	330045	138.851	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1232554	88.230	ng	0.00
79) Terphenyl-d14	12.957	244	1360159	102.877	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.663	88	118031	41.312	ng	98
3) Pyridine	3.416	79	260441	33.397	ng	99
4) n-Nitrosodimethylamine	3.381	42	153395	47.046	ng	94
6) Aniline	6.487	93	378709	35.781	ng	100
8) 2-Chlorophenol	6.604	128	346786	49.437	ng	99
9) Benzaldehyde	6.369	77	110940	24.337	ng	96
10) Phenol	6.475	94	405615	47.971	ng	82
11) bis(2-Chloroethyl)ether	6.563	93	312927	47.274	ng	99
12) 1,3-Dichlorobenzene	6.763	146	359473	49.237	ng	97
13) 1,4-Dichlorobenzene	6.840	146	362131	49.494	ng	97
14) 1,2-Dichlorobenzene	6.987	146	349443	51.077	ng	96
15) Benzyl Alcohol	6.963	79	283582	48.923	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	424587	46.600	ng	99
17) 2-Methylphenol	7.075	107	267128	44.889	ng	95
18) Hexachloroethane	7.334	117	128707	50.049	ng	90
19) n-Nitroso-di-n-propyla...	7.240	70	218163	46.706	ng	95
20) 3+4-Methylphenols	7.228	107	325779	44.895	ng	95
22) Acetophenone	7.234	105	448214	47.704	ng	# 90
24) Nitrobenzene	7.404	77	336312	47.302	ng	92
25) Isophorone	7.645	82	618912	46.641	ng	99
26) 2-Nitrophenol	7.722	139	173306	53.426	ng	97
27) 2,4-Dimethylphenol	7.757	122	296618	48.389	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	372248	45.784	ng	99
29) 2,4-Dichlorophenol	7.963	162	280395	48.522	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	303480	48.141	ng	99
31) Naphthalene	8.128	128	950370	46.513	ng	99
32) Benzoic acid	7.887	122	215910	44.398	ng	91
33) 4-Chloroaniline	8.175	127	279446	31.230	ng	98
34) Hexachlorobutadiene	8.239	225	181567	50.223	ng	99
35) Caprolactam	8.551	113	60467	32.180	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	297890	49.101	ng	99
37) 2-Methylnaphthalene	8.816	142	616457	44.996	ng	98
38) 1-Methylnaphthalene	8.916	142	578327	45.360	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	298021	46.925	ng	98
41) Hexachlorocyclopentadiene	8.969	237	347365	102.377	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	196938	47.559	ng	99

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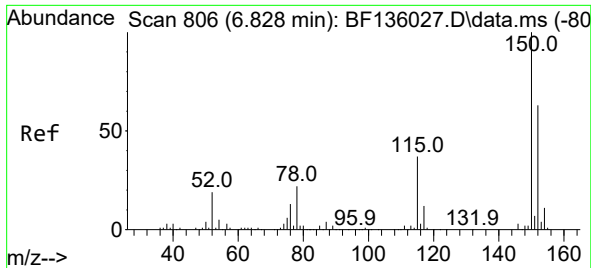
Quant Time: Nov 04 00:05:38 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	217583	45.360	ng	96
46) 1,1'-Biphenyl	9.286	154	780920	46.001	ng	98
47) 2-Chloronaphthalene	9.310	162	591258	47.244	ng	99
48) 2-Nitroaniline	9.404	65	185927	50.200	ng	97
49) Acenaphthylene	9.722	152	898838	46.039	ng	100
50) Dimethylphthalate	9.592	163	693677	47.224	ng	99
51) 2,6-Dinitrotoluene	9.651	165	158450	50.434	ng	100
52) Acenaphthene	9.898	154	583227	46.992	ng	99
53) 3-Nitroaniline	9.816	138	142253	38.805	ng	91
54) 2,4-Dinitrophenol	9.928	184	162225	93.751	ng	96
55) Dibenzofuran	10.069	168	833868	46.076	ng	95
56) 4-Nitrophenol	9.981	139	259713	94.714	ng	# 78
57) 2,4-Dinitrotoluene	10.051	165	208796	52.527	ng	94
58) Fluorene	10.416	166	626584	46.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	184122	48.280	ng	93
60) Diethylphthalate	10.292	149	672511	47.916	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	306305	45.286	ng	99
62) 4-Nitroaniline	10.439	138	164504	46.603	ng	96
63) Azobenzene	10.569	77	621817	46.004	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	112765	50.491	ng	87
66) n-Nitrosodiphenylamine	10.528	169	581014	47.706	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	203198	48.005	ng	# 92
68) Hexachlorobenzene	10.963	284	227272	50.273	ng	98
69) Atrazine	11.057	200	128565	38.798	ng	98
70) Pentachlorophenol	11.157	266	251001	86.453	ng	98
71) Phenanthrene	11.380	178	964156	47.430	ng	99
72) Anthracene	11.433	178	981189	47.104	ng	99
73) Carbazole	11.586	167	859238	47.469	ng	99
74) Di-n-butylphthalate	11.927	149	983189	47.535	ng	99
75) Fluoranthene	12.574	202	954599	45.711	ng	96
77) Benzidine	12.698	184	241165	60.222	ng	100
78) Pyrene	12.804	202	954386	52.686	ng	99
80) Butylbenzylphthalate	13.433	149	330974	51.043	ng	98
81) Benzo(a)anthracene	13.998	228	653912	48.074	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	196685	45.304	ng	100
83) Chrysene	14.039	228	625944	46.727	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	380313	50.343	ng	98
85) Di-n-octyl phthalate	14.621	149	544816	48.142	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	711411	56.693	ng	98
88) Benzo(b)fluoranthene	15.063	252	557358	49.058	ng	99
89) Benzo(k)fluoranthene	15.092	252	540012	48.038	ng	99
90) Benzo(a)pyrene	15.433	252	493841	46.782	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	577432	56.176	ng	97
92) Benzo(g,h,i)perylene	17.474	276	596934	50.827	ng	99

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

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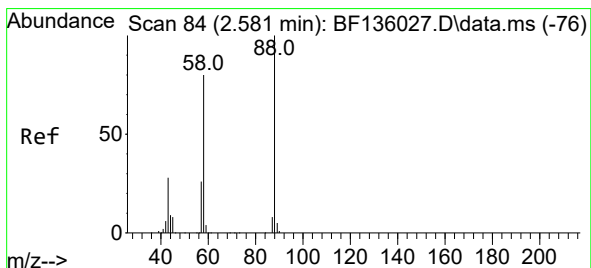
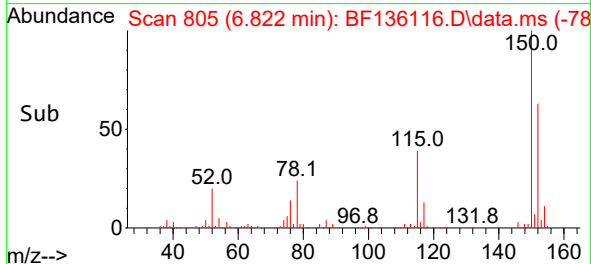
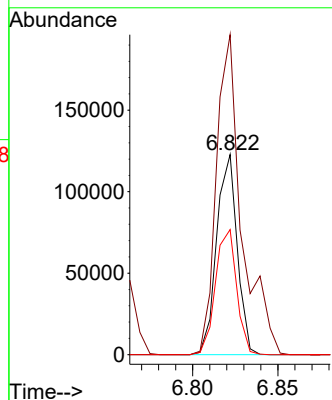
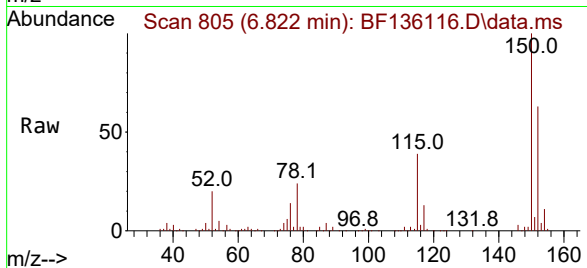




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

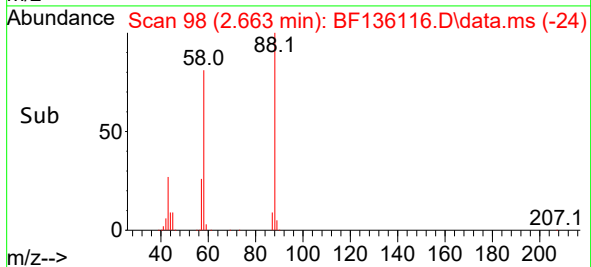
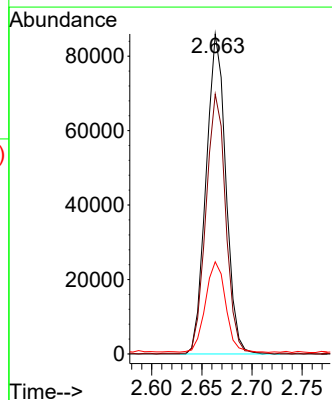
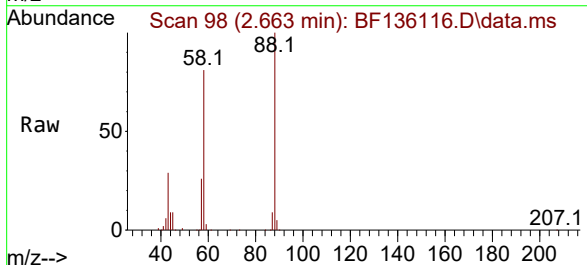
Instrument :
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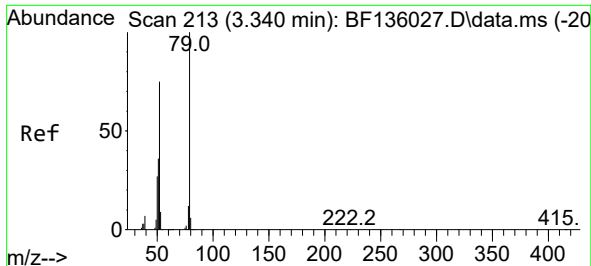
Tgt Ion:152 Resp: 103104
Ion Ratio Lower Upper
152 100
150 159.8 126.4 189.6
115 62.5 47.0 70.4



#2
1,4-Dioxane
Concen: 41.312 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.083 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion: 88 Resp: 118031
Ion Ratio Lower Upper
88 100
58 81.7 64.3 96.5
43 29.1 22.3 33.5

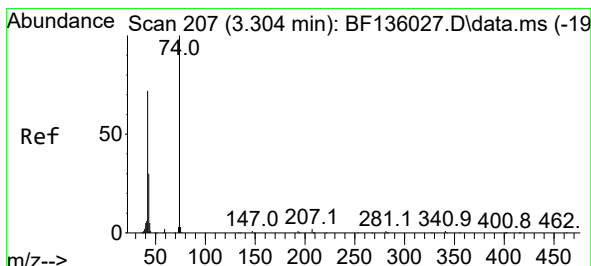
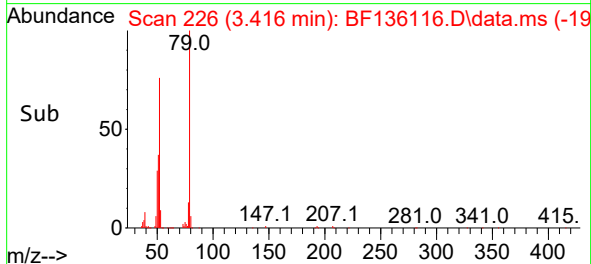
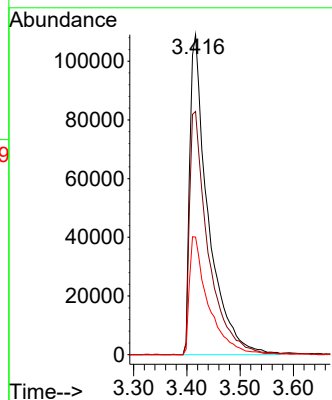
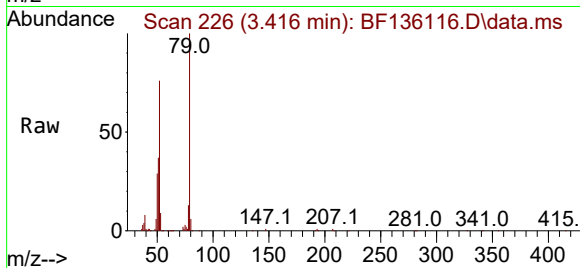




#3
Pyridine
Concen: 33.397 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

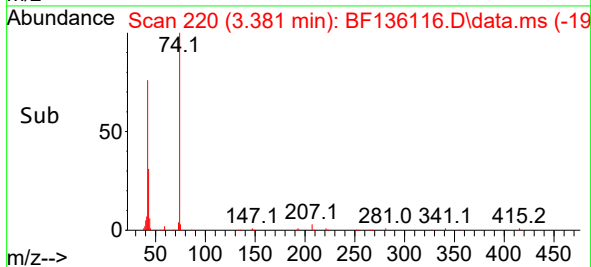
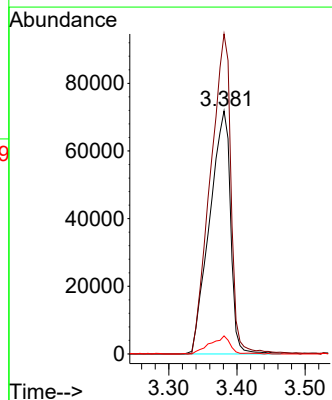
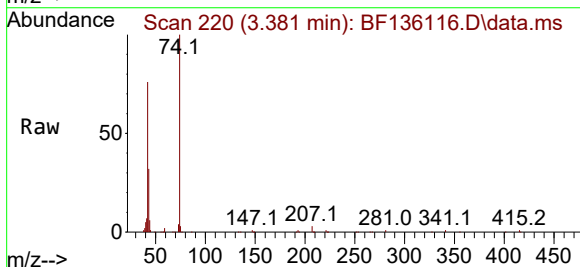
Instrument :
BNA_F
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PB156791BS

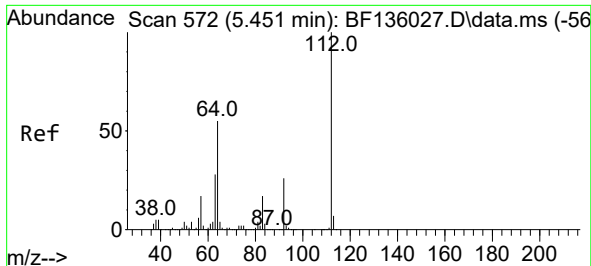
Tgt Ion: 79 Resp: 260441
Ion Ratio Lower Upper
79 100
52 76.0 60.3 90.5
51 36.8 29.3 43.9



#4
n-Nitrosodimethylamine
Concen: 47.046 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.077 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion: 42 Resp: 153395
Ion Ratio Lower Upper
42 100
74 131.7 111.8 167.6
44 7.4 6.2 9.4

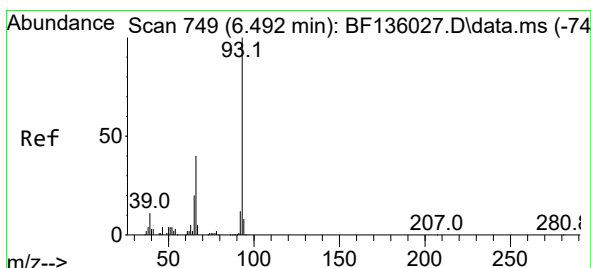
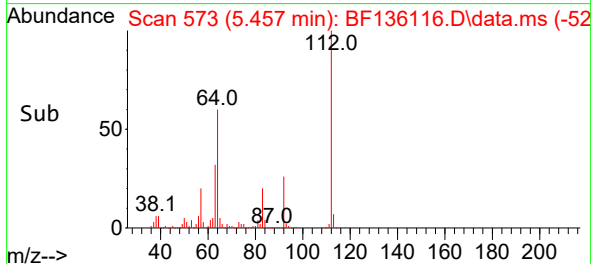
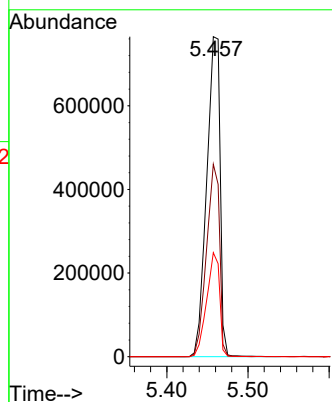
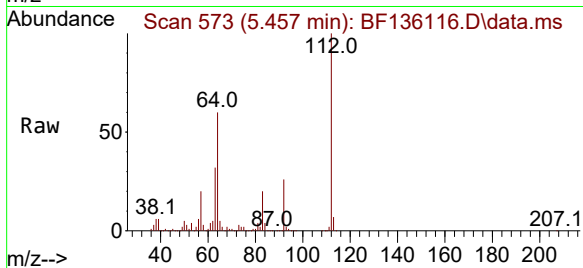




#5
2-Fluorophenol
Concen: 133.916 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

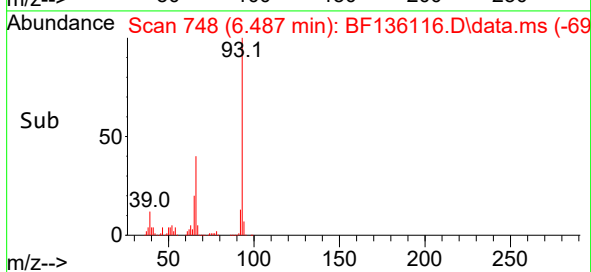
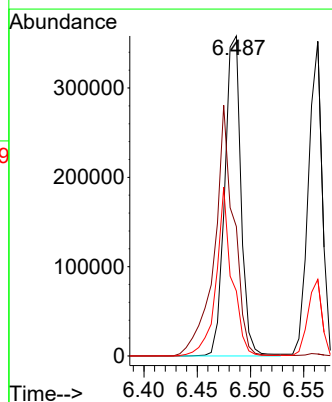
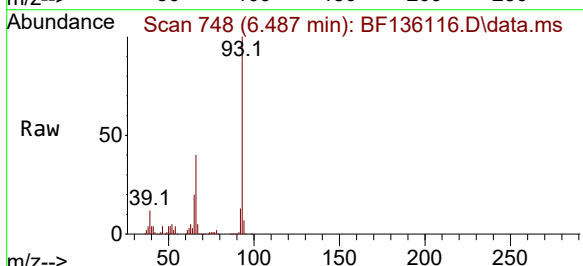
Instrument :
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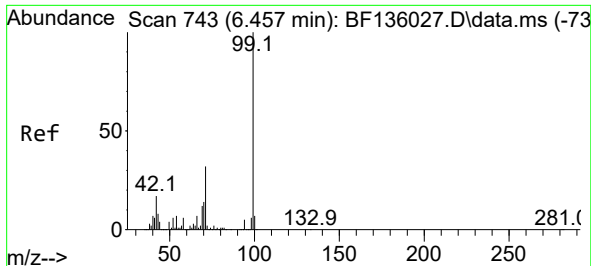
Tgt Ion:112 Resp: 878659
Ion Ratio Lower Upper
112 100
64 60.2 43.9 65.9
63 32.5 22.4 33.6



#6
Aniline
Concen: 35.781 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion: 93 Resp: 378709
Ion Ratio Lower Upper
93 100
66 40.4 32.4 48.6
65 20.3 16.2 24.2





#7

Phenol-d6

Concen: 132.481 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

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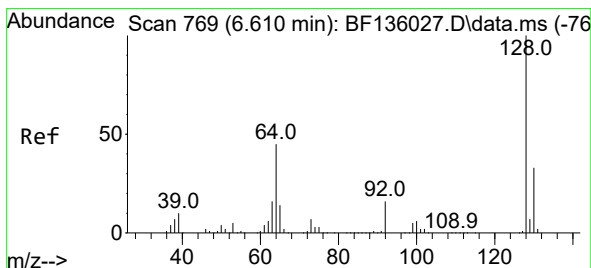
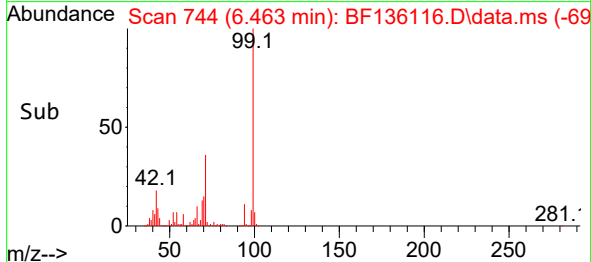
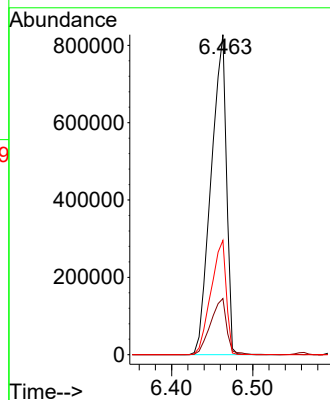
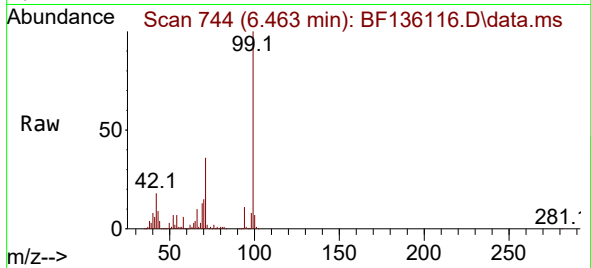
Tgt Ion: 99 Resp: 1083020

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

71 35.7 25.9 38.9



#8

2-Chlorophenol

Concen: 49.437 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

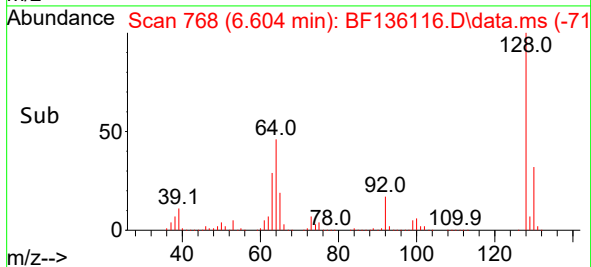
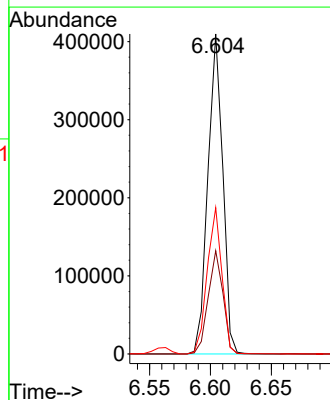
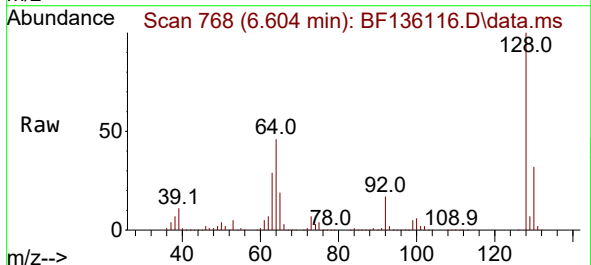
Tgt Ion:128 Resp: 346786

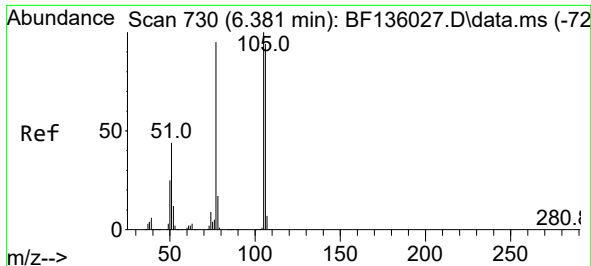
Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

64 45.7 25.8 65.8

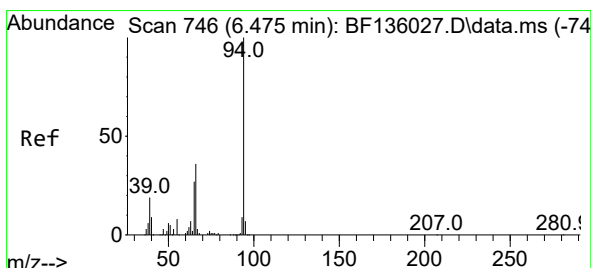
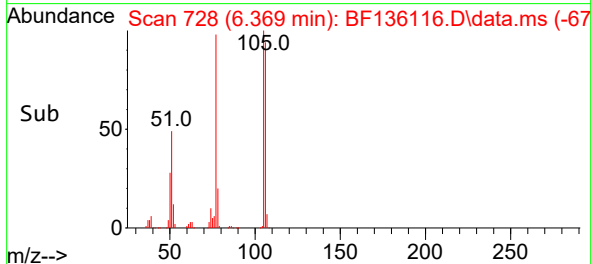
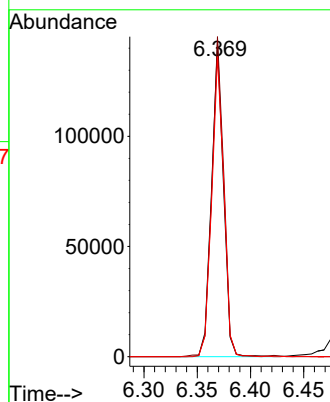
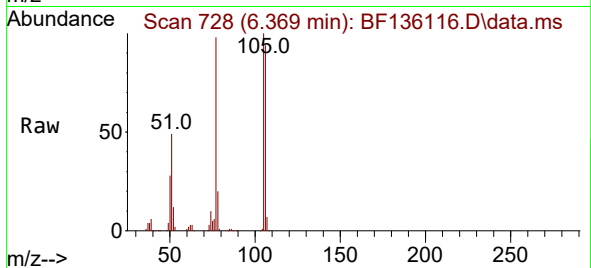




#9
Benzaldehyde
Concen: 24.337 ng
RT: 6.369 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

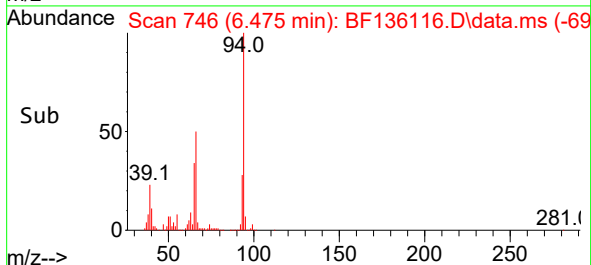
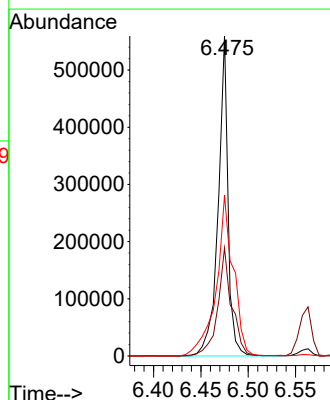
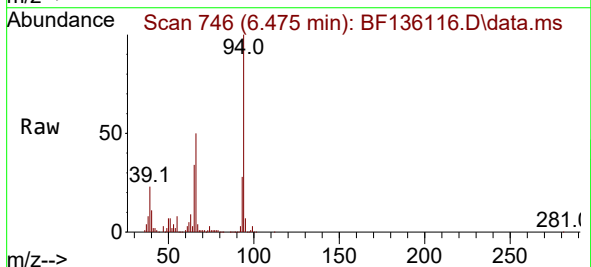
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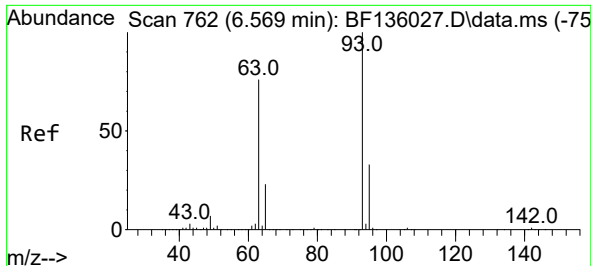
Tgt Ion: 77 Resp: 110940
Ion Ratio Lower Upper
77 100
105 101.6 85.7 125.7
106 95.3 79.8 119.8



#10
Phenol
Concen: 47.971 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion: 94 Resp: 405615
Ion Ratio Lower Upper
94 100
65 33.7 7.5 47.5
66 50.2 17.1 57.1

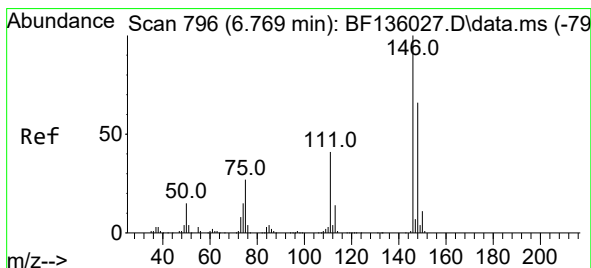
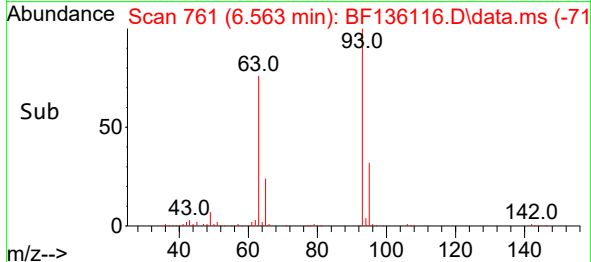
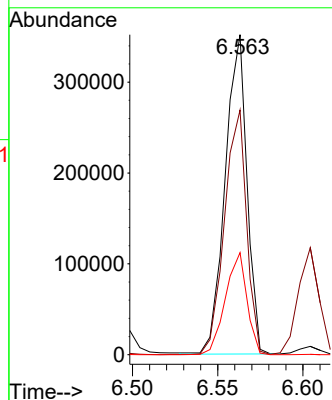
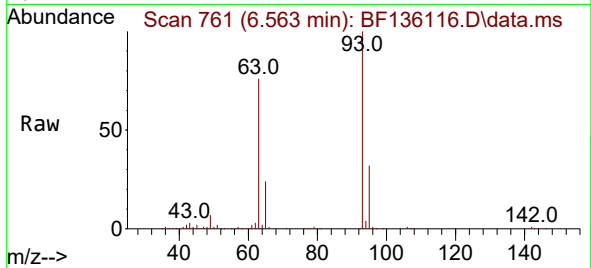




#11
bis(2-Chloroethyl)ether
Concen: 47.274 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

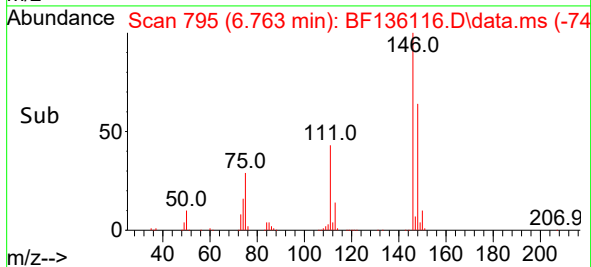
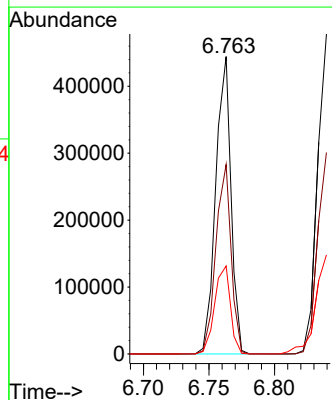
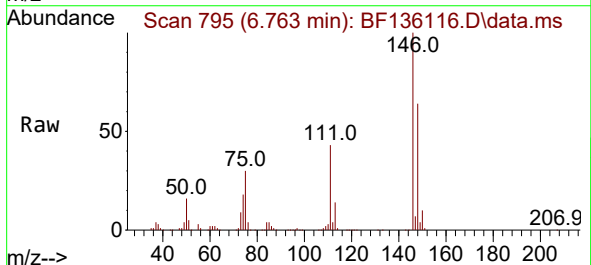
Instrument :
BNA_F
ClientSampleId :
PB156791BS

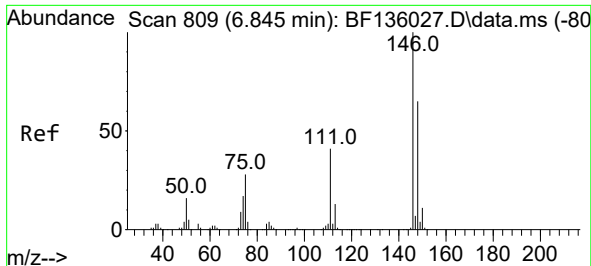
Tgt Ion: 93 Resp: 312927
Ion Ratio Lower Upper
93 100
63 76.5 55.8 95.8
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.237 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:146 Resp: 359473
Ion Ratio Lower Upper
146 100
148 63.7 52.6 78.8
75 29.6 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 49.494 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

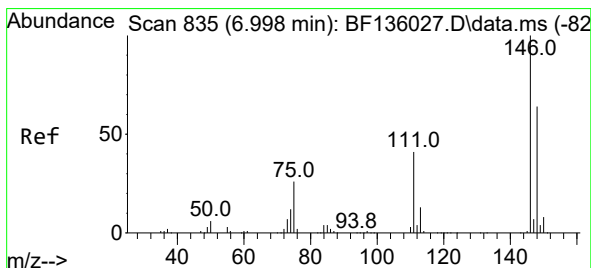
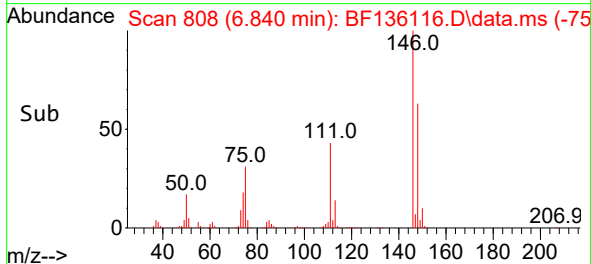
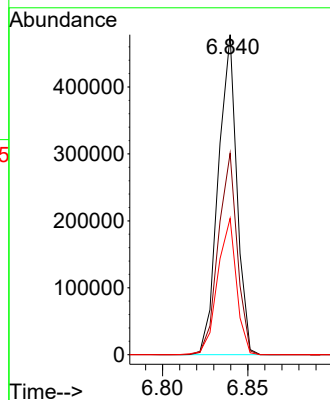
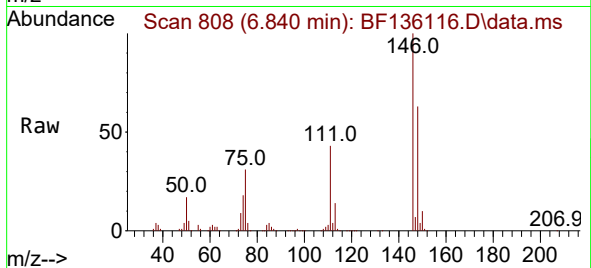
Tgt Ion:146 Resp: 362131

Ion Ratio Lower Upper

146 100

148 63.0 52.1 78.1

111 42.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 51.077 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

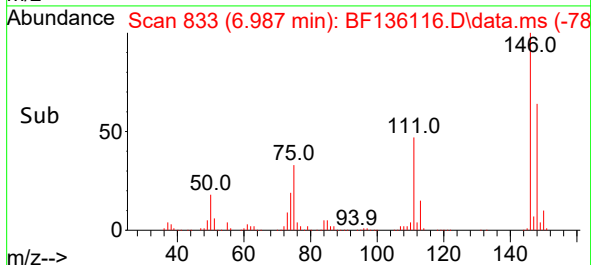
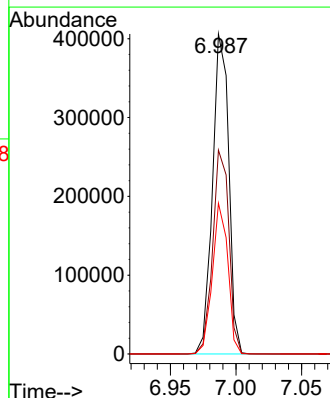
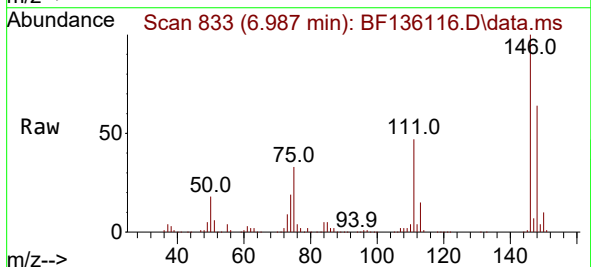
Tgt Ion:146 Resp: 349443

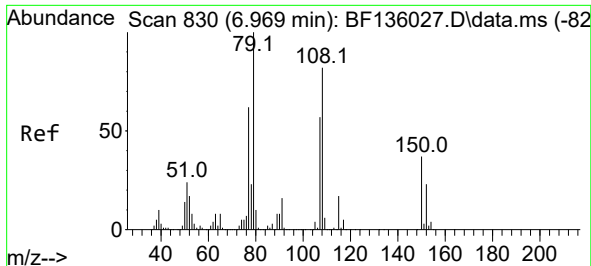
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

111 47.1 33.0 49.4

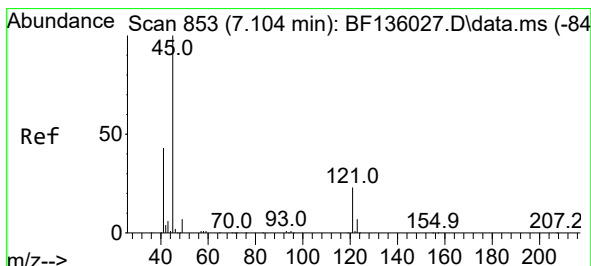
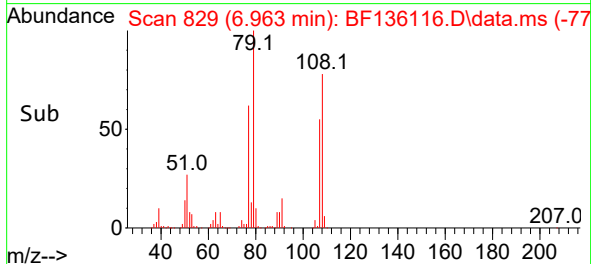
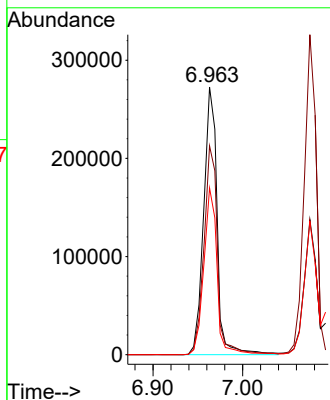
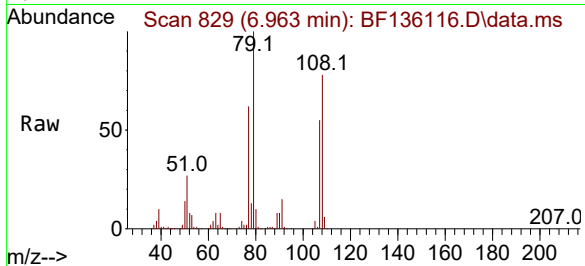




#15
Benzyl Alcohol
Concen: 48.923 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

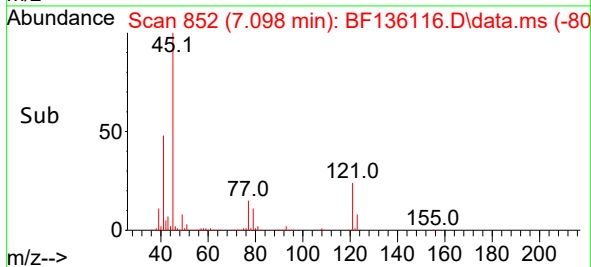
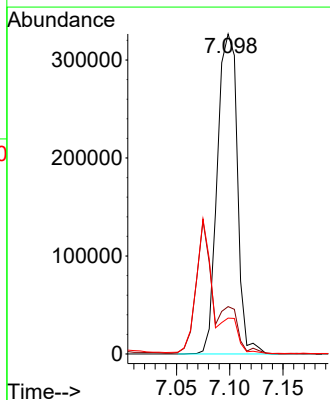
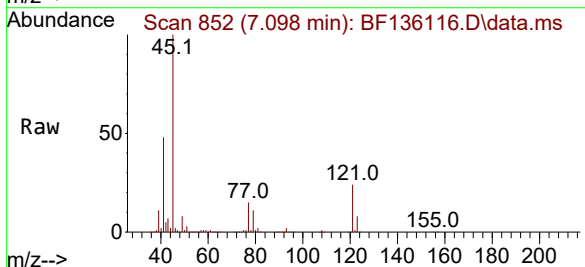
Instrument :
BNA_F
ClientSampleId :
PB156791BS

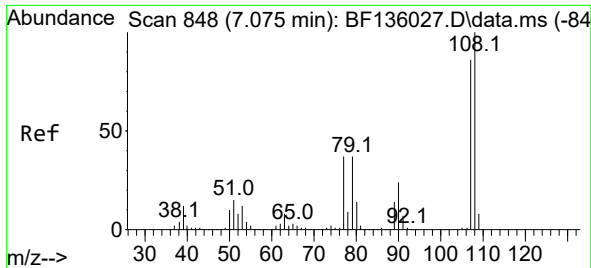
Tgt Ion: 79 Resp: 283582
Ion Ratio Lower Upper
79 100
108 78.1 65.9 98.9
77 62.3 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.600 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion: 45 Resp: 424587
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.6
79 11.2 0.0 30.6

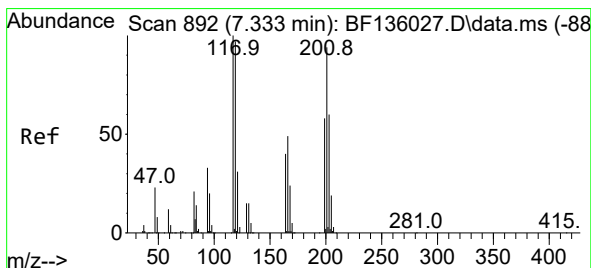
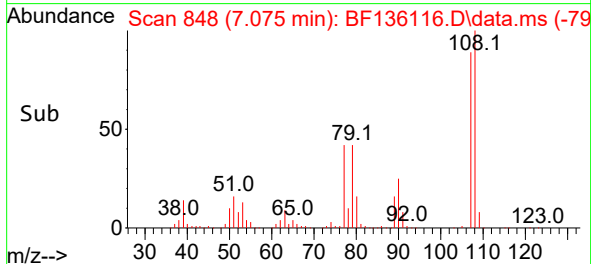
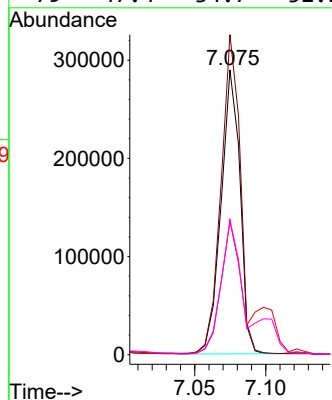
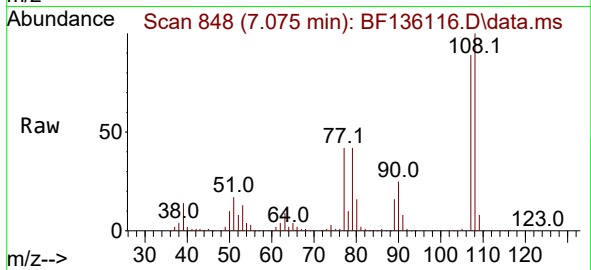




#17
2-Methylphenol
Concen: 44.889 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

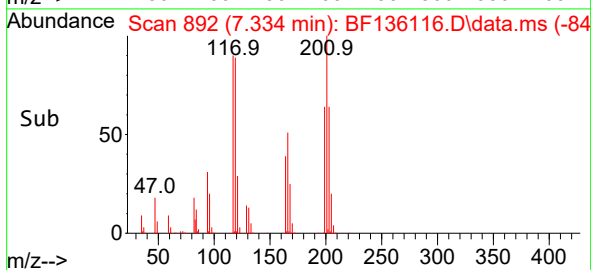
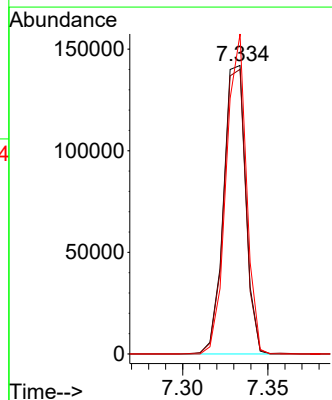
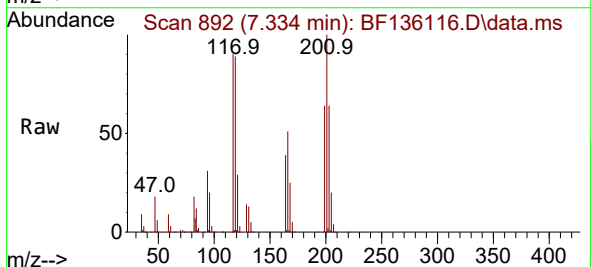
Instrument :
BNA_F
ClientSampleId :
PB156791BS

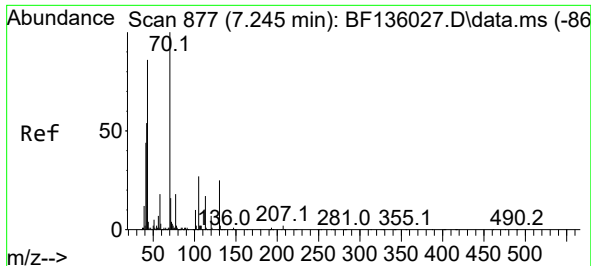
Tgt Ion:	107	Resp:	267128
Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.4	140.2
77	46.9	34.4	51.6
79	47.4	34.7	52.1



#18
Hexachloroethane
Concen: 50.049 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:	117	Resp:	128707
Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.7	116.5
201	110.9	75.0	112.6





#19

n-Nitroso-di-n-propylamine

Concen: 46.706 ng

RT: 7.240 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

Tgt Ion: 70 Resp: 218163

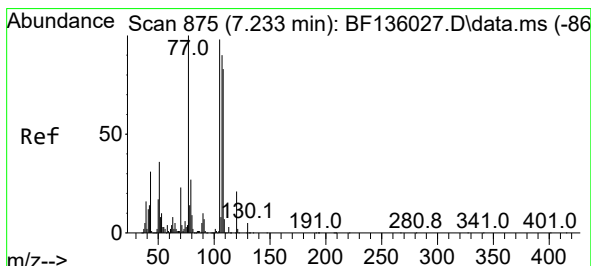
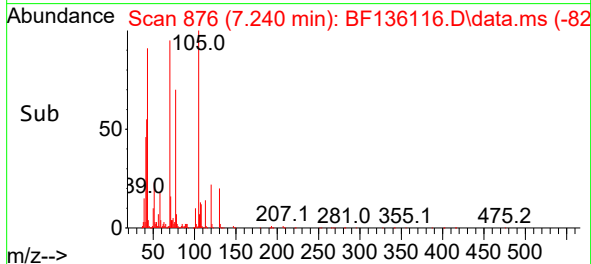
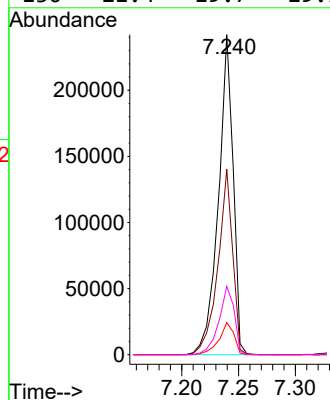
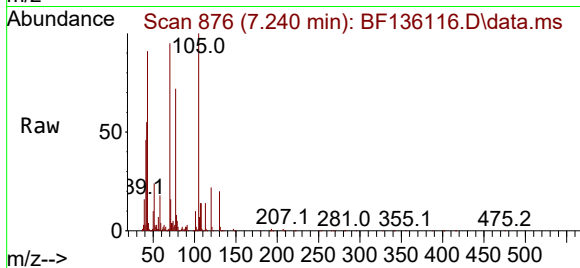
Ion Ratio Lower Upper

70 100

42 58.0 43.0 64.4

101 10.1 8.0 12.0

130 21.4 19.7 29.5



#20

3+4-Methylphenols

Concen: 44.895 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Tgt Ion:107 Resp: 325779

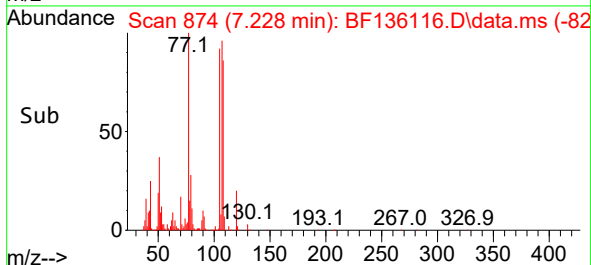
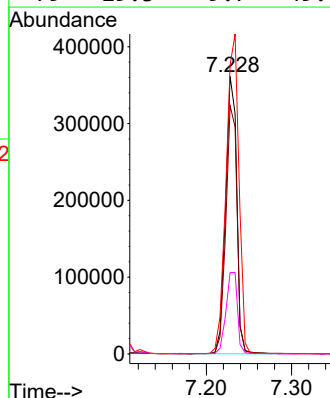
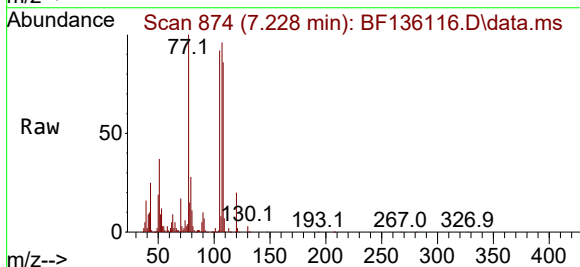
Ion Ratio Lower Upper

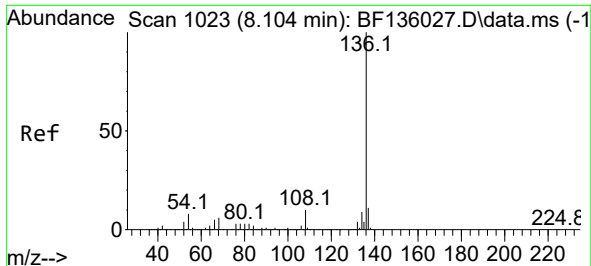
107 100

108 89.5 72.3 112.3

77 104.1 91.4 131.4

79 29.3 9.7 49.7

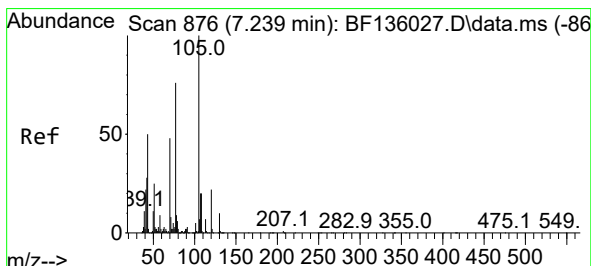
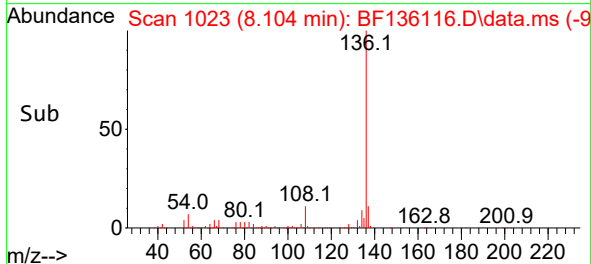
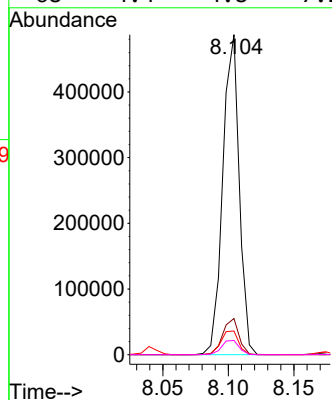
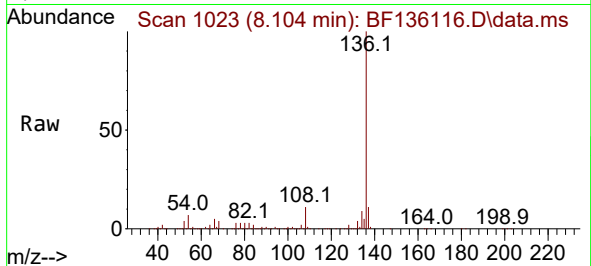




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

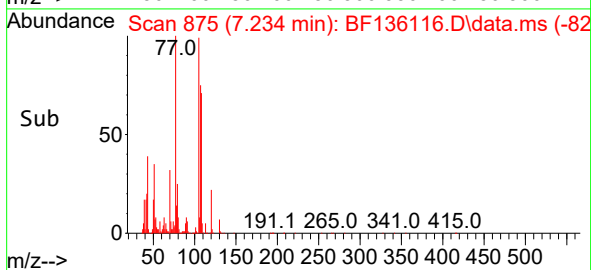
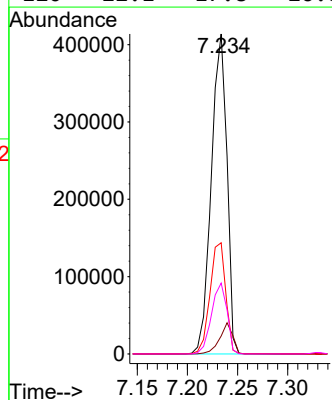
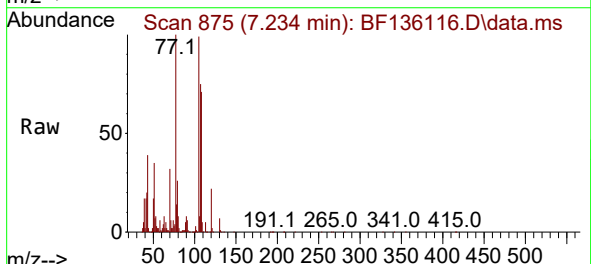
Instrument :
BNA_F
ClientSampleId :
PB156791BS

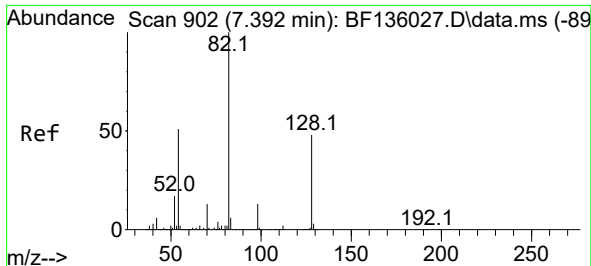
Tgt Ion:136 Resp: 423718
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.4 6.6 9.8
68 4.4 4.8 7.2#



#22
Acetophenone
Concen: 47.704 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:105 Resp: 448214
Ion Ratio Lower Upper
105 100
71 5.6 6.5 9.7#
51 34.8 20.3 30.5#
120 22.1 17.8 26.8





#23

Nitrobenzene-d5

Concen: 94.725 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

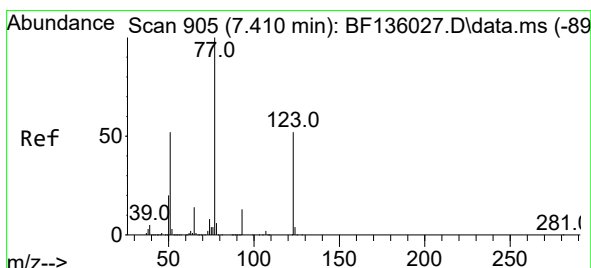
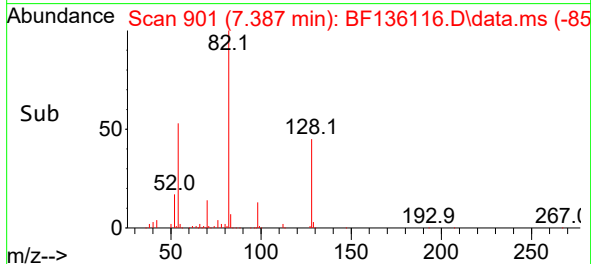
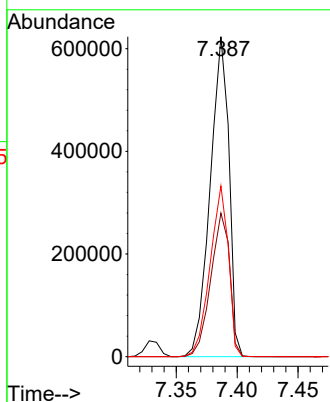
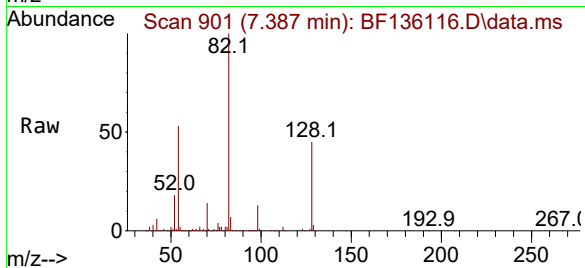
Tgt Ion: 82 Resp: 665809

Ion Ratio Lower Upper

82 100

128 44.8 38.6 57.8

54 53.3 40.8 61.2



#24

Nitrobenzene

Concen: 47.302 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

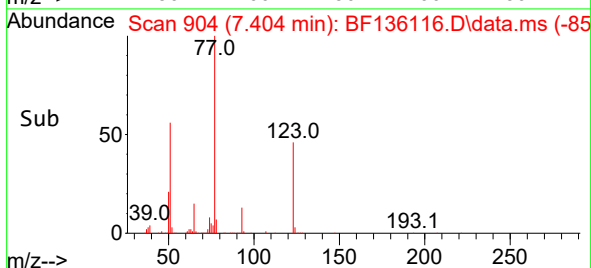
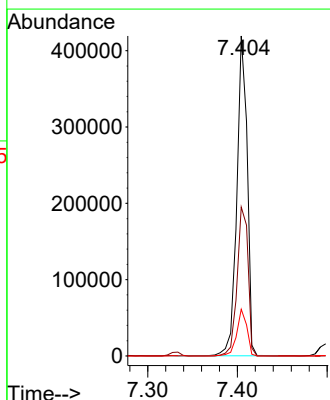
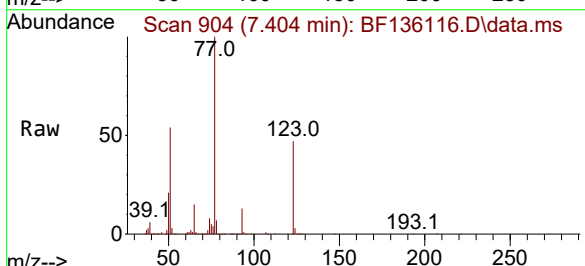
Tgt Ion: 77 Resp: 336312

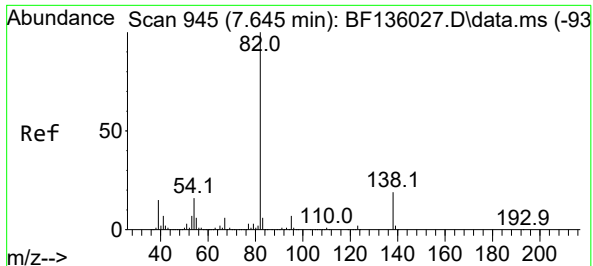
Ion Ratio Lower Upper

77 100

123 46.6 42.3 63.5

65 14.6 11.0 16.6

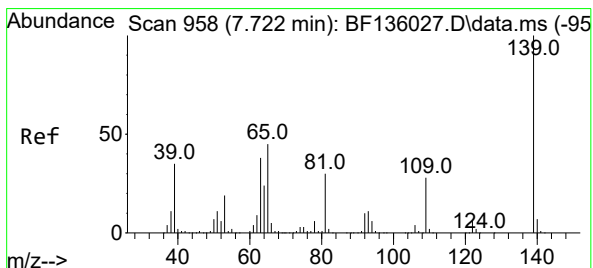
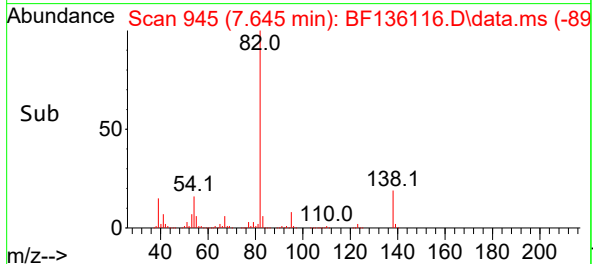
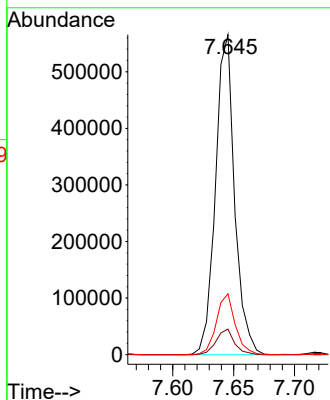
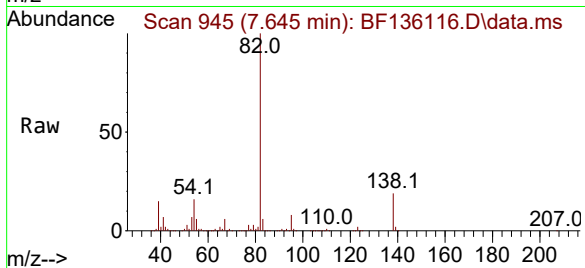




#25
Isophorone
Concen: 46.641 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

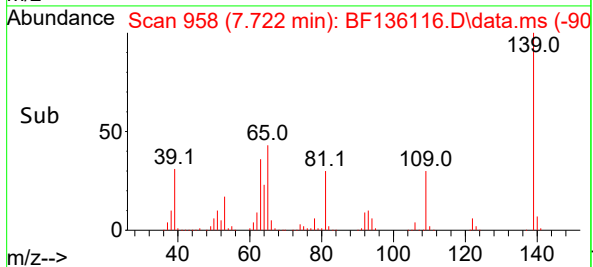
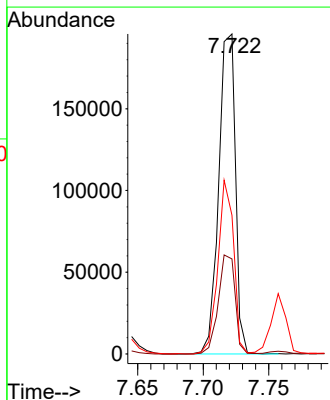
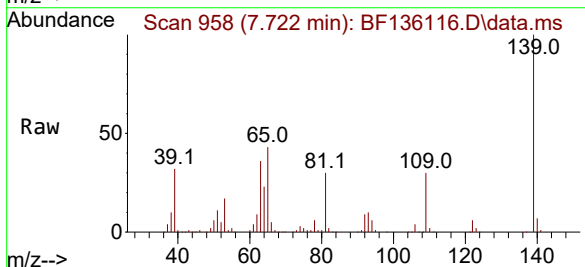
Instrument :
BNA_F
ClientSampleId :
PB156791BS

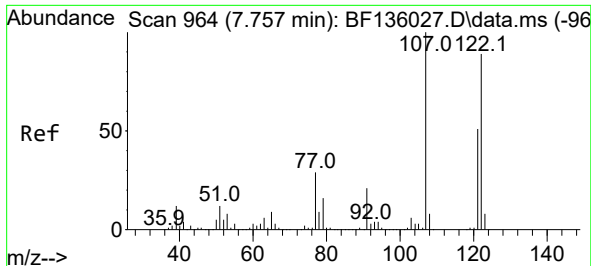
Tgt Ion: 82 Resp: 618912
Ion Ratio Lower Upper
82 100
95 8.0 5.9 8.9
138 19.0 15.3 22.9



#26
2-Nitrophenol
Concen: 53.426 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:139 Resp: 173306
Ion Ratio Lower Upper
139 100
109 29.7 22.6 34.0
65 43.3 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 48.389 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

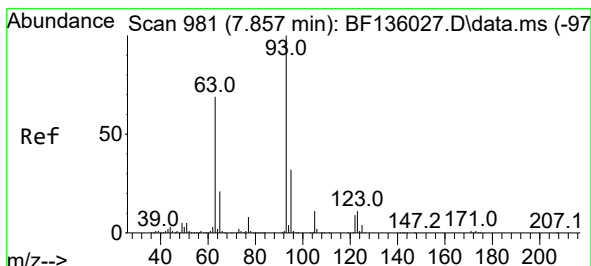
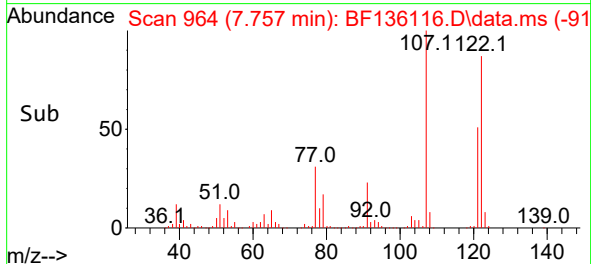
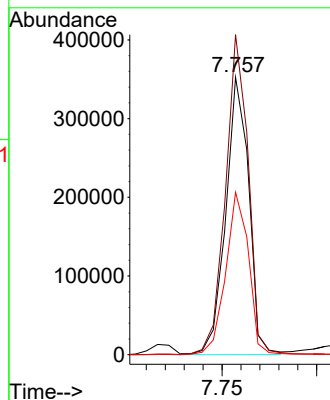
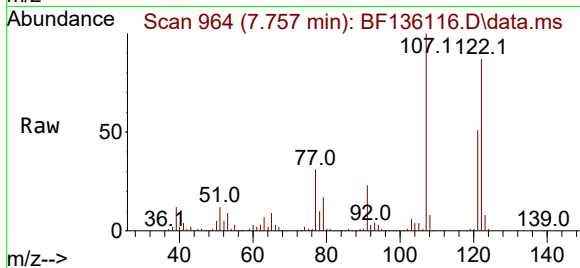
Tgt Ion:122 Resp: 296618

Ion Ratio Lower Upper

122 100

107 115.3 89.6 134.4

121 58.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.784 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

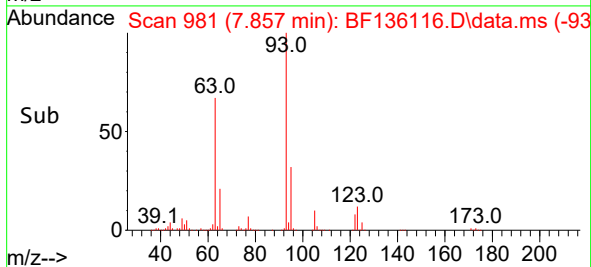
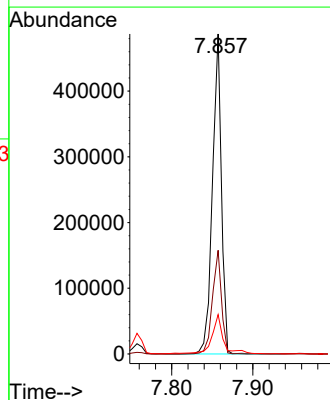
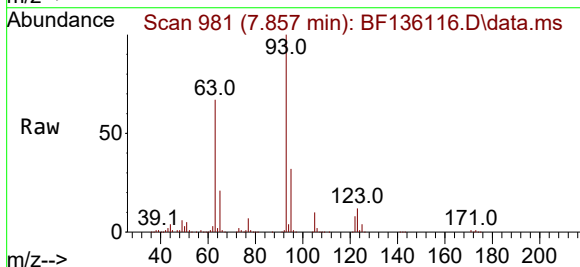
Tgt Ion: 93 Resp: 372248

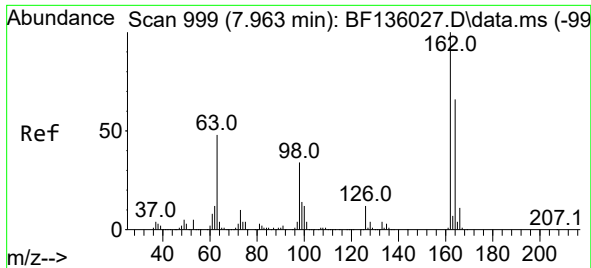
Ion Ratio Lower Upper

93 100

95 32.4 25.7 38.5

123 12.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.522 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

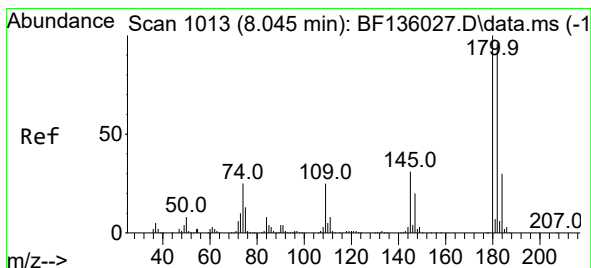
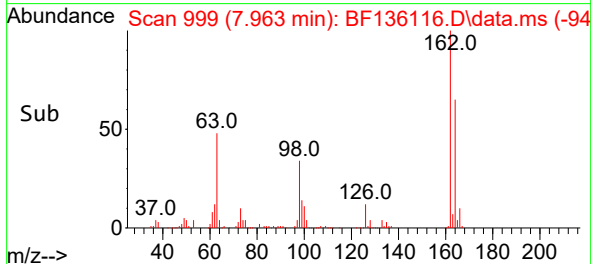
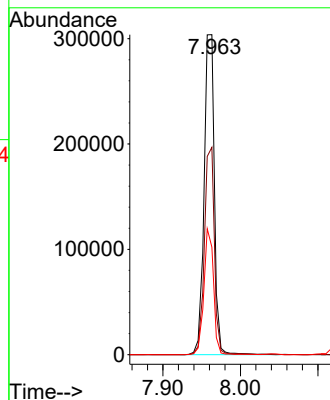
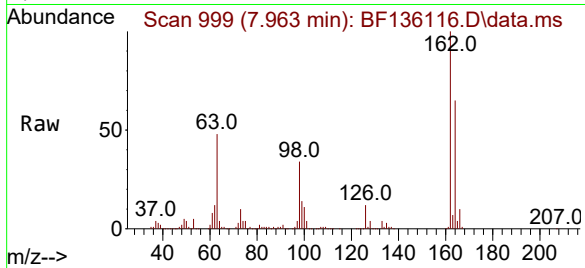
Tgt Ion:162 Resp: 280395

Ion Ratio Lower Upper

162 100

164 64.8 45.5 85.5

98 33.6 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 48.141 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

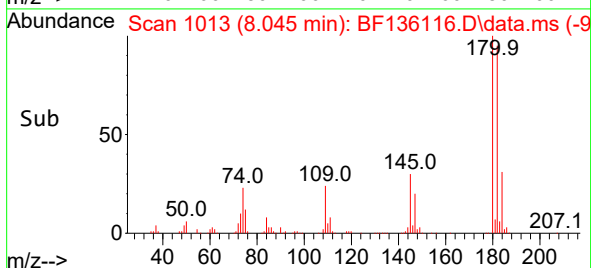
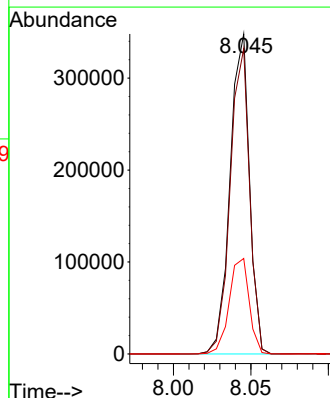
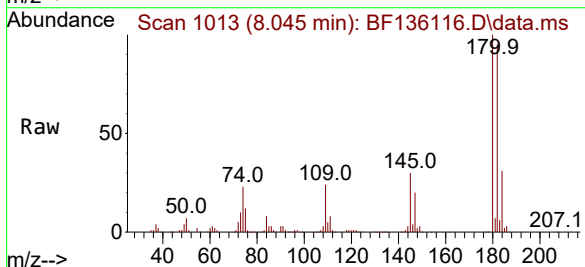
Tgt Ion:180 Resp: 303480

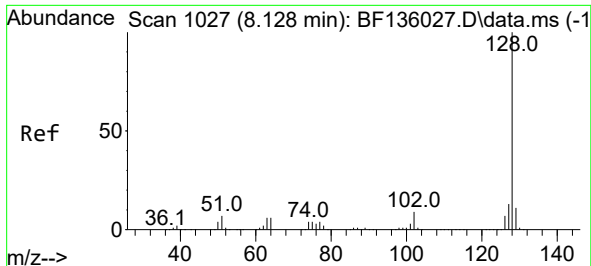
Ion Ratio Lower Upper

180 100

182 95.4 76.9 115.3

145 29.9 24.7 37.1

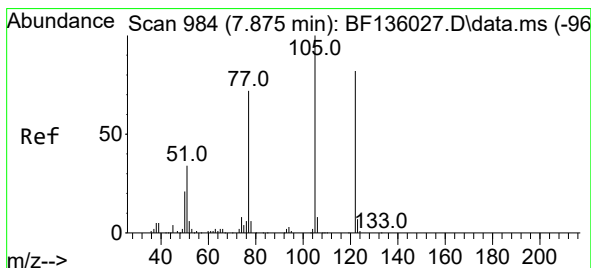
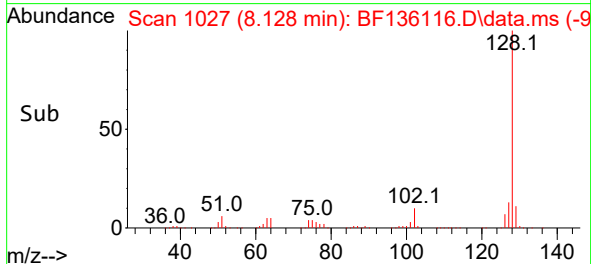
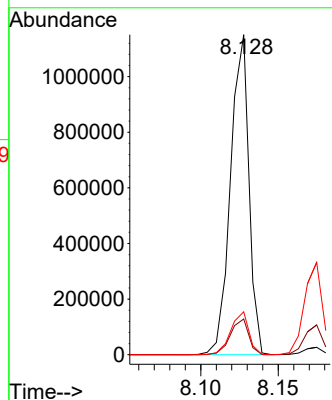
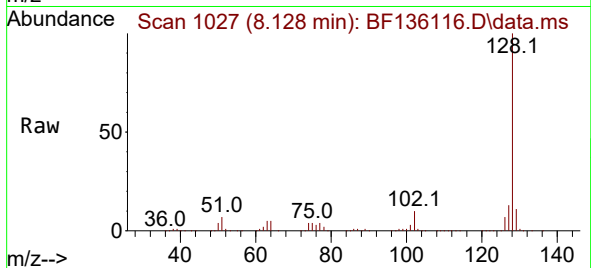




#31
Naphthalene
Concen: 46.513 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

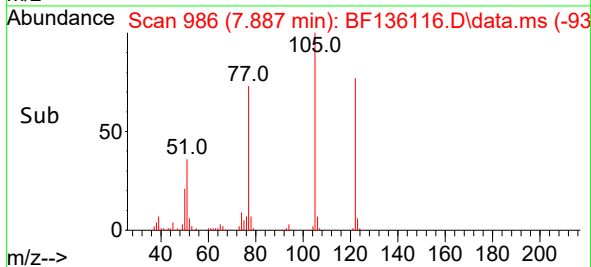
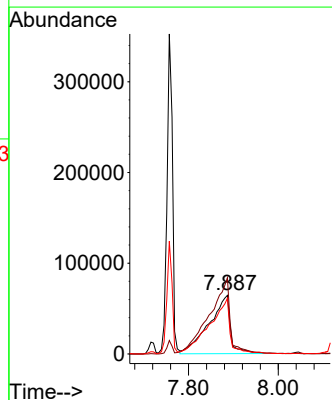
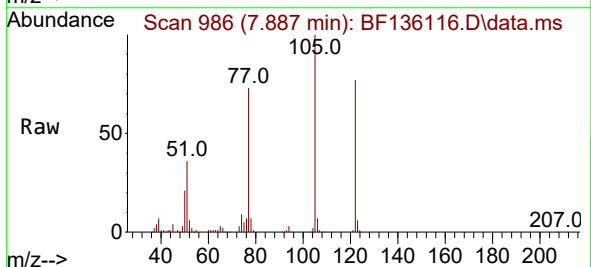
Instrument :
BNA_F
ClientSampleId :
PB156791BS

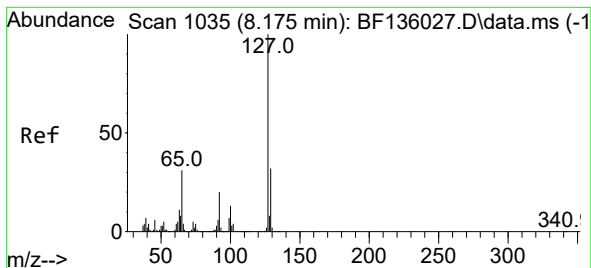
Tgt Ion:128 Resp: 950370
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 44.398 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.012 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:122 Resp: 215910
Ion Ratio Lower Upper
122 100
105 129.9 99.5 139.5
77 95.2 66.8 106.8





#33

4-Chloroaniline

Concen: 31.230 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

Tgt Ion:127 Resp: 279446

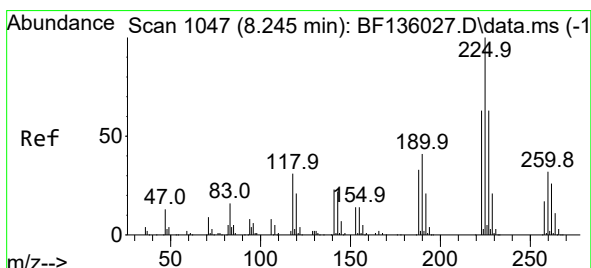
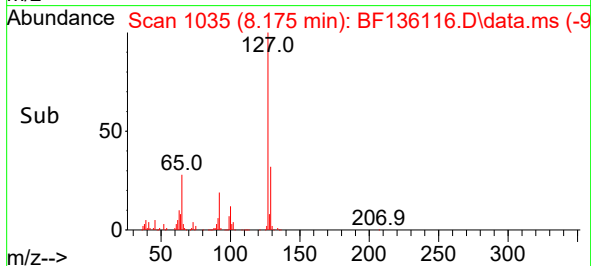
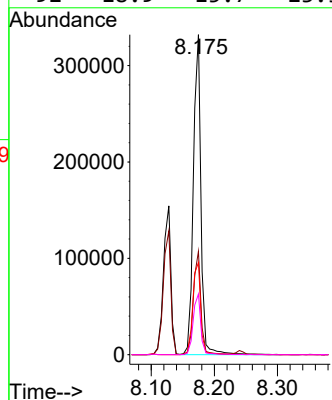
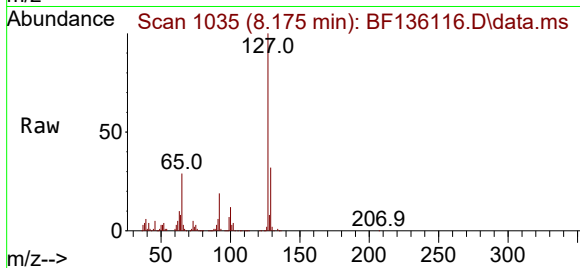
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 28.8 24.6 37.0

92 18.9 15.7 23.5



#34

Hexachlorobutadiene

Concen: 50.223 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

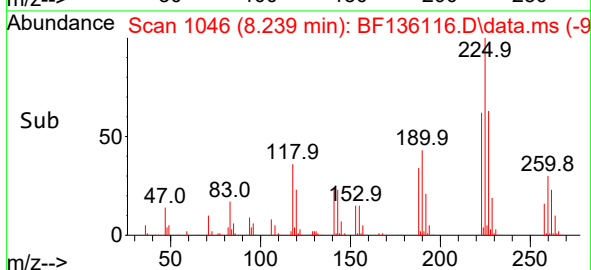
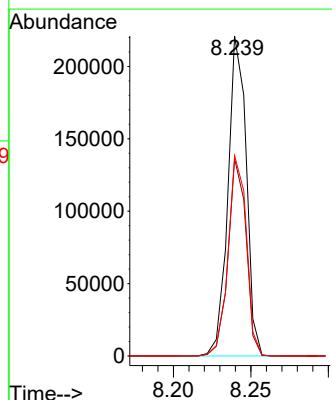
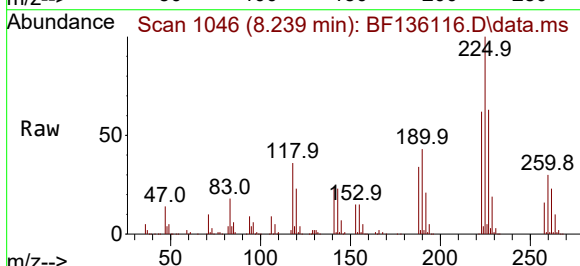
Tgt Ion:225 Resp: 181567

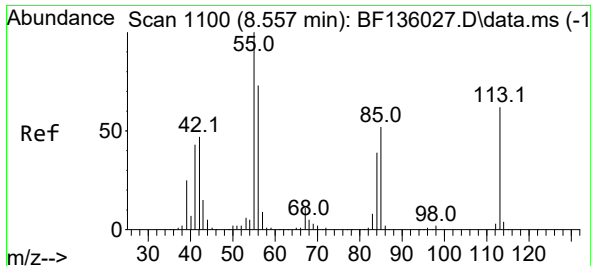
Ion Ratio Lower Upper

225 100

223 61.7 50.3 75.5

227 62.6 50.6 75.8

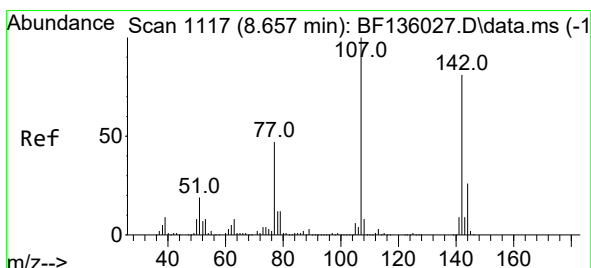
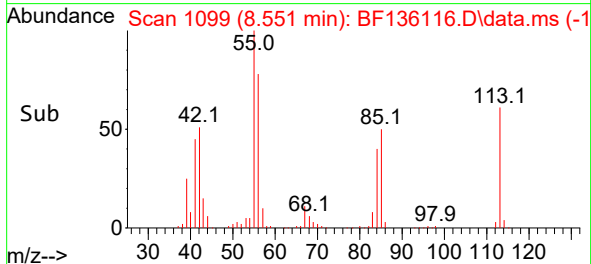
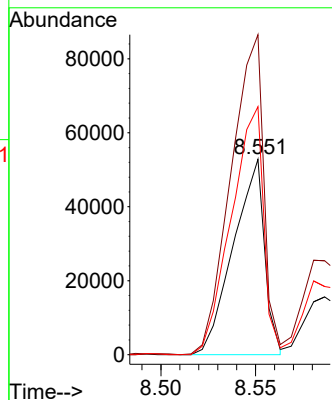
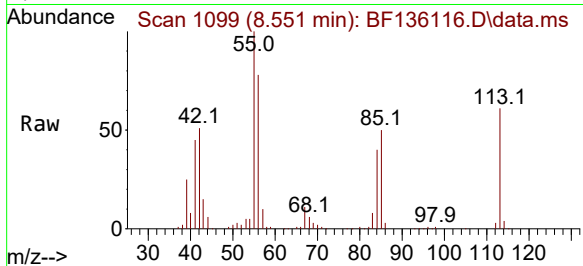




#35
 Caprolactam
 Concen: 32.180 ng
 RT: 8.551 min Scan# 1099
 Delta R.T. -0.006 min
 Lab File: BF136116.D
 Acq: 03 Nov 2023 10:58

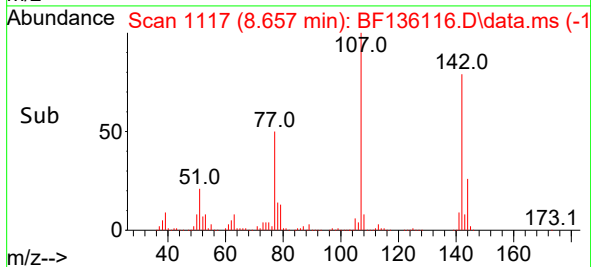
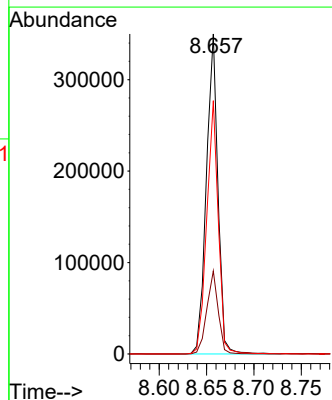
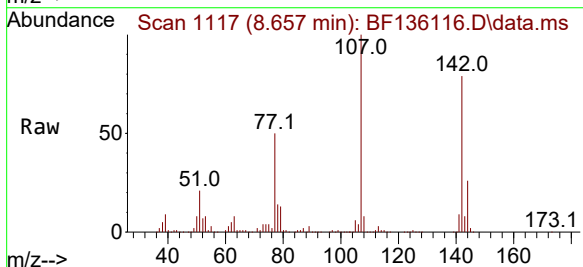
Instrument :
 BNA_F
 ClientSampleId :
 PB156791BS

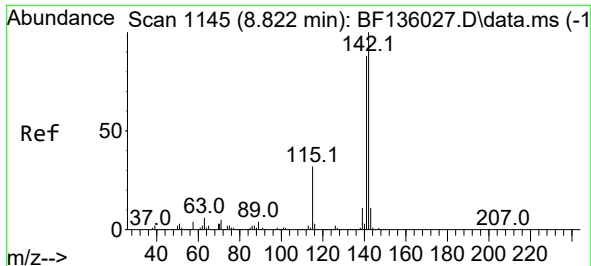
Tgt Ion:113 Resp: 60467
 Ion Ratio Lower Upper
 113 100
 55 163.7 142.2 182.2
 56 126.9 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.101 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136116.D
 Acq: 03 Nov 2023 10:58

Tgt Ion:107 Resp: 297890
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.6 31.0
 142 79.1 64.6 97.0

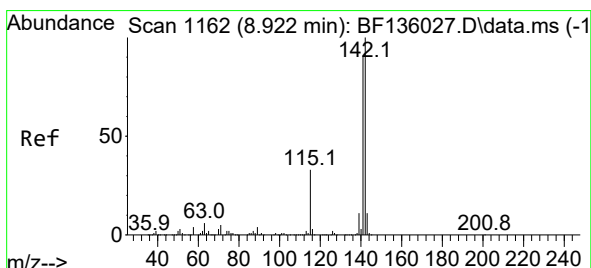
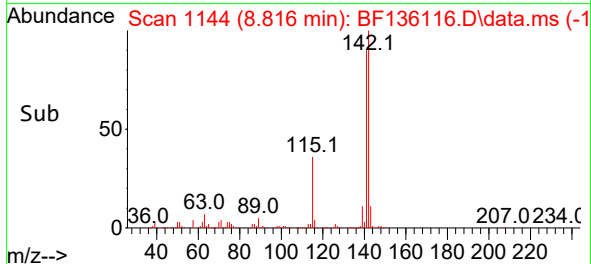
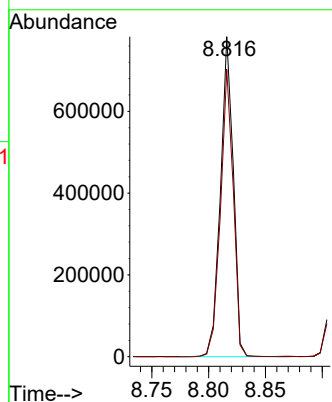
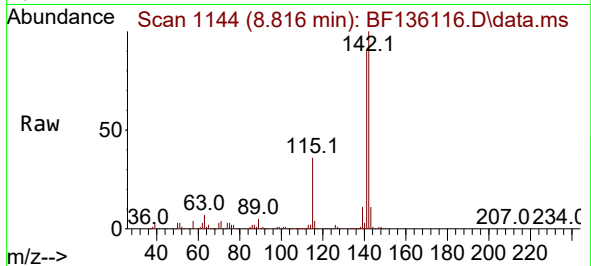




#37
2-Methylnaphthalene
Concen: 44.996 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

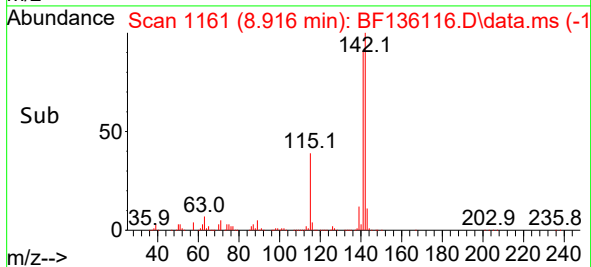
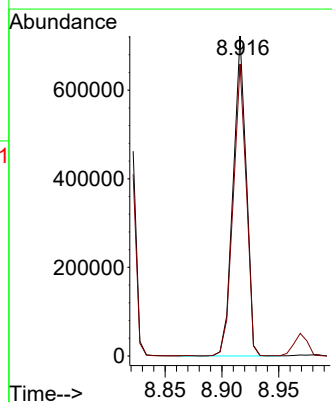
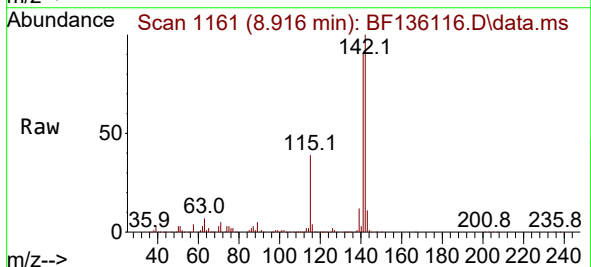
Instrument :
BNA_F
ClientSampleId :
PB156791BS

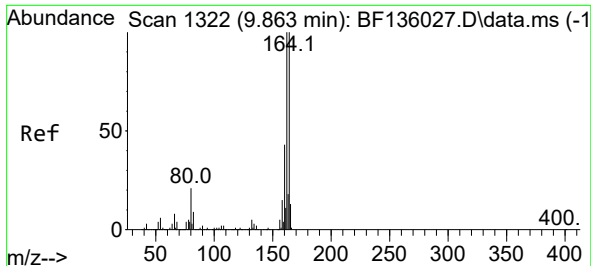
Tgt Ion:142 Resp: 616457
Ion Ratio Lower Upper
142 100
141 89.8 70.4 105.6



#38
1-Methylnaphthalene
Concen: 45.360 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:142 Resp: 578327
Ion Ratio Lower Upper
142 100
141 91.2 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: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

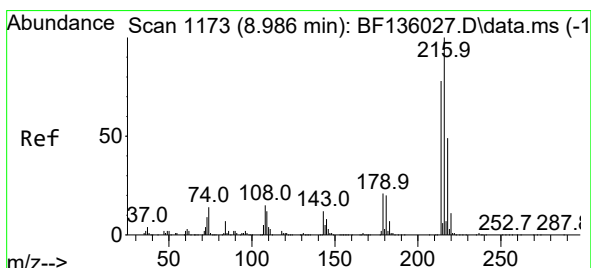
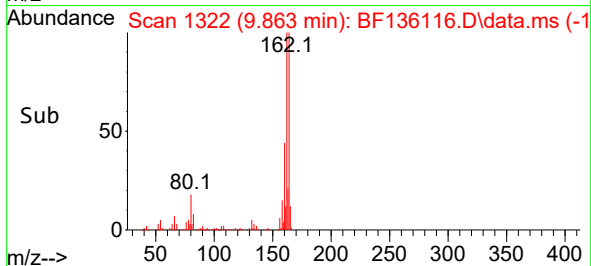
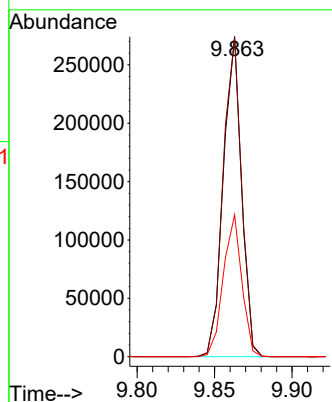
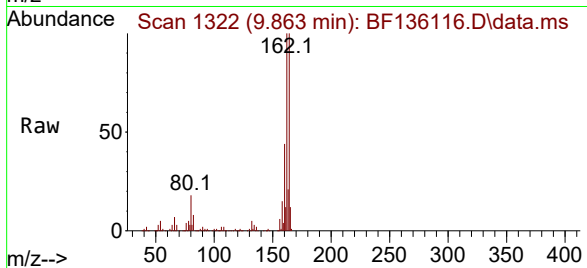
Tgt Ion:164 Resp: 222693

Ion Ratio Lower Upper

164 100

162 100.0 80.1 120.1

160 44.4 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.925 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Tgt Ion:216 Resp: 298021

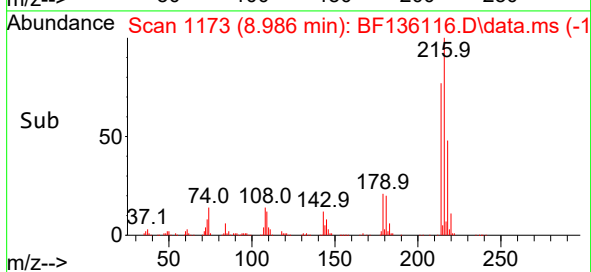
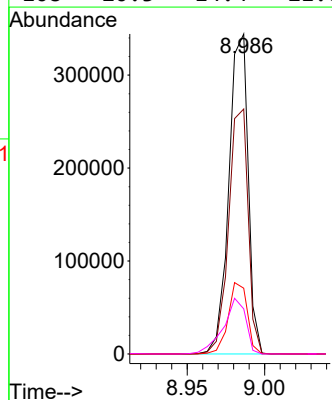
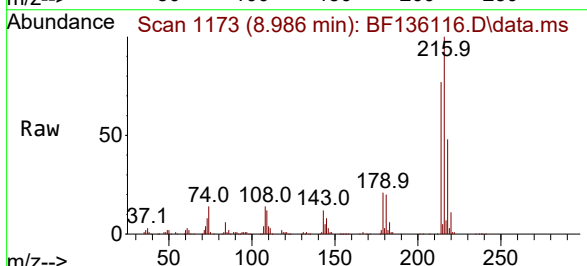
Ion Ratio Lower Upper

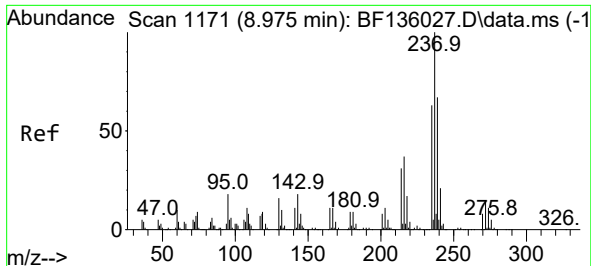
216 100

214 77.5 63.8 95.6

179 22.0 17.5 26.3

108 20.3 14.4 21.6

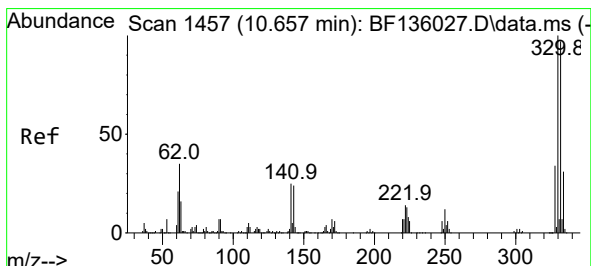
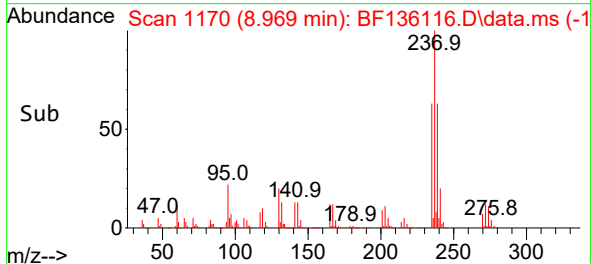
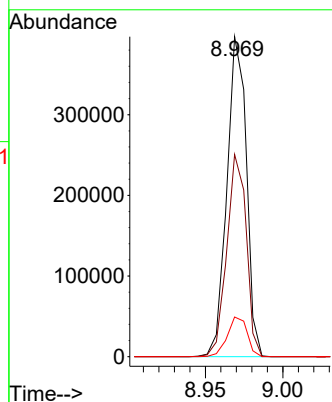
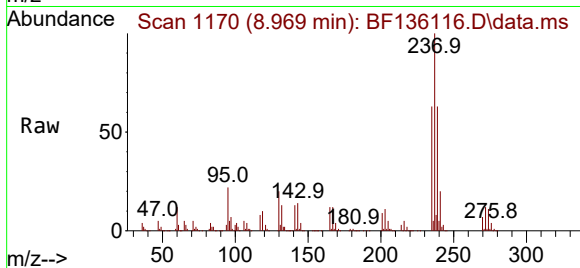




#41
Hexachlorocyclopentadiene
Concen: 102.377 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

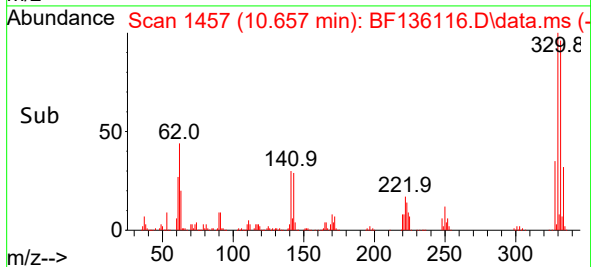
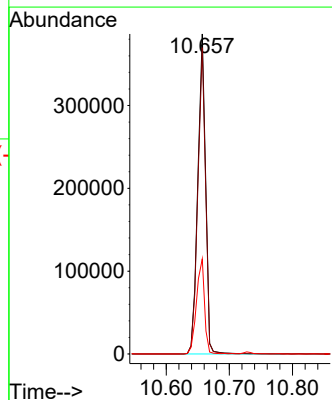
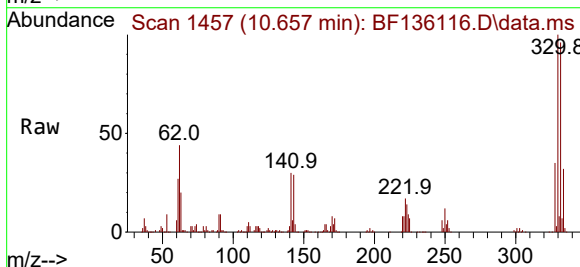
Instrument :
BNA_F
ClientSampleId :
PB156791BS

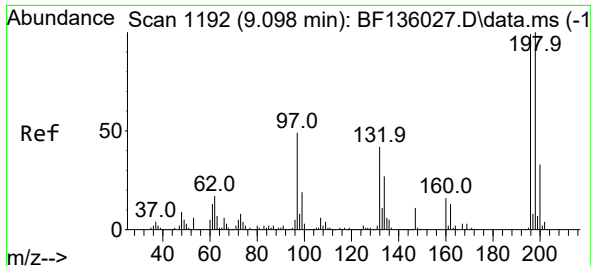
Tgt Ion:237 Resp: 347365
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.4 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 138.851 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:330 Resp: 330045
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 30.7 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 47.559 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

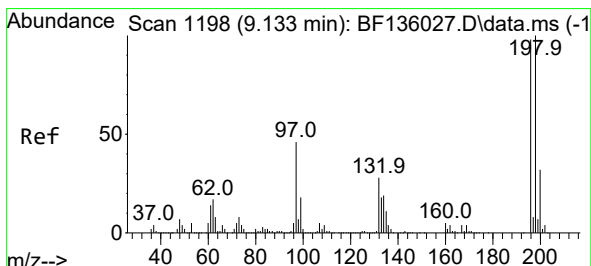
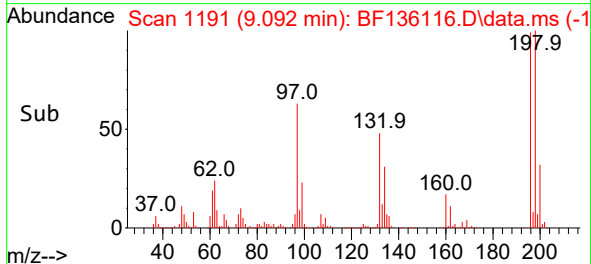
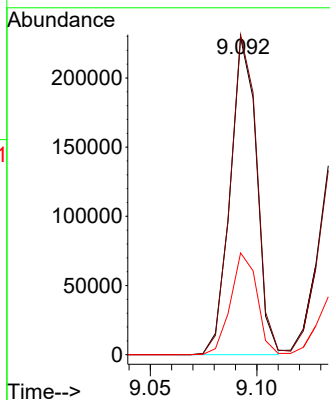
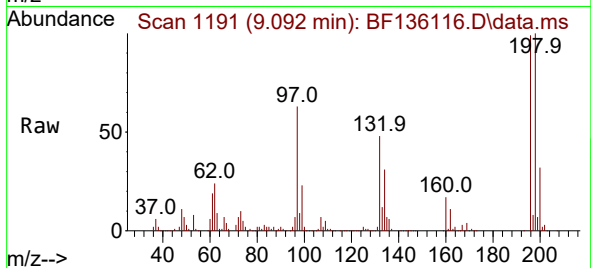
Tgt Ion:196 Resp: 196938

Ion Ratio Lower Upper

196 100

198 100.9 80.7 121.1

200 32.1 26.8 40.2



#44

2,4,5-Trichlorophenol

Concen: 45.360 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Tgt Ion:196 Resp: 217583

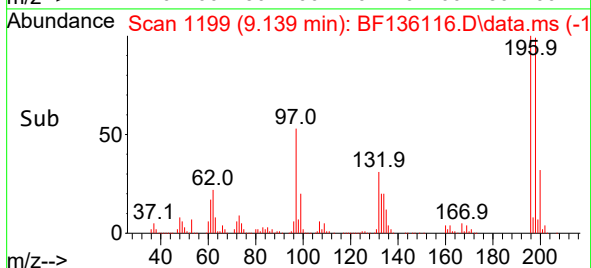
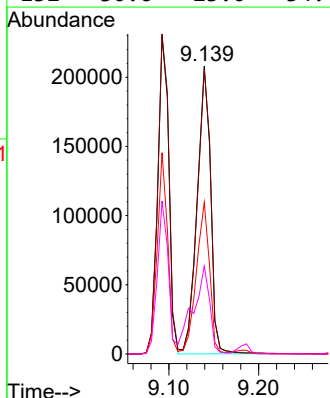
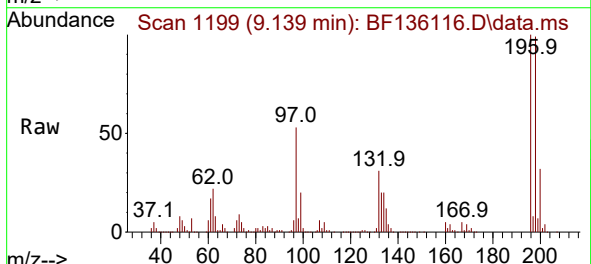
Ion Ratio Lower Upper

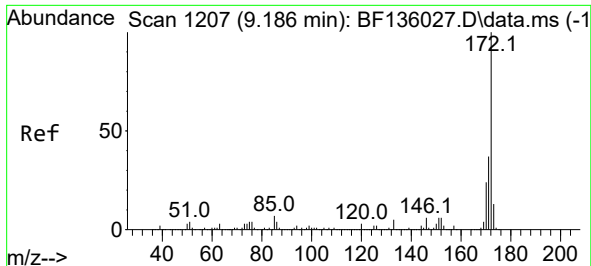
196 100

198 99.1 81.6 122.4

97 52.7 38.2 57.2

132 30.6 23.0 34.4

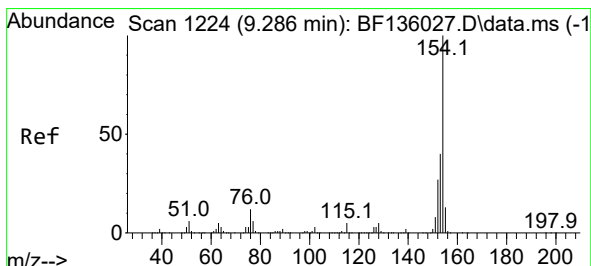
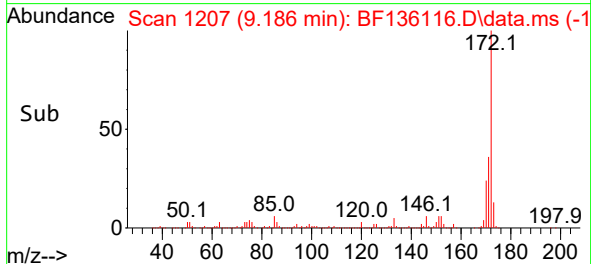
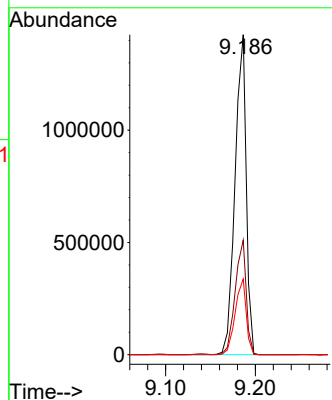
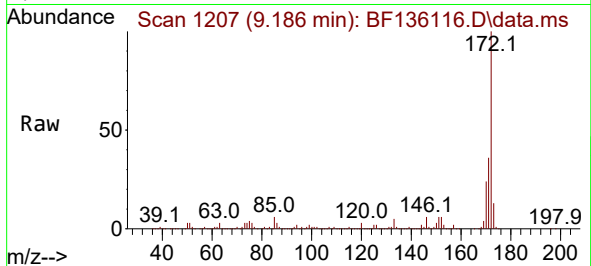




#45
2-Fluorobiphenyl
Concen: 88.230 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

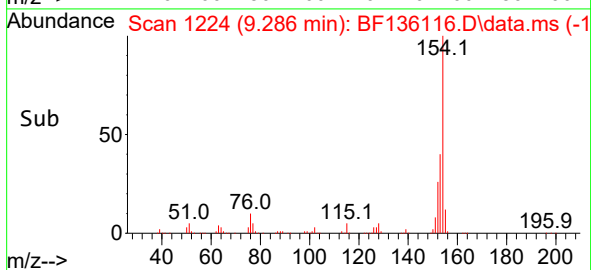
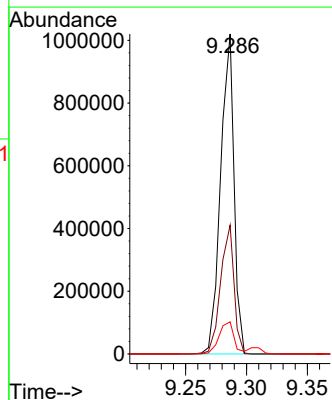
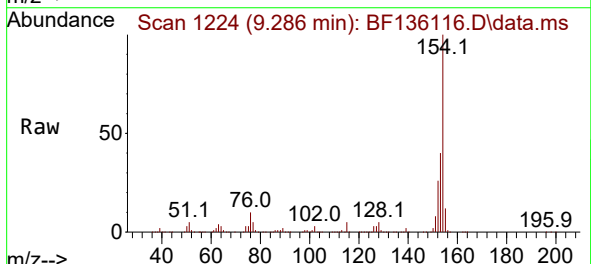
Instrument :
BNA_F
ClientSampleId :
PB156791BS

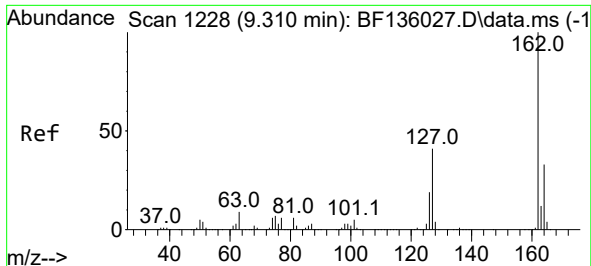
Tgt Ion:172 Resp: 1232554
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.7 19.3 28.9



#46
1,1'-Biphenyl
Concen: 46.001 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:154 Resp: 780920
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 10.0 0.0 32.5





#47

2-Chloronaphthalene

Concen: 47.244 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

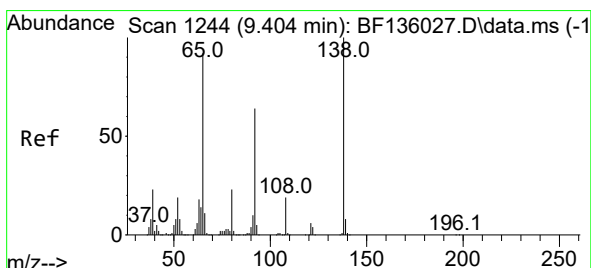
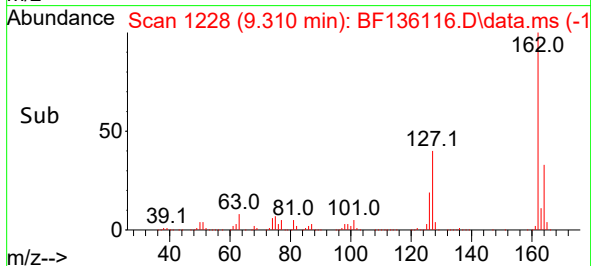
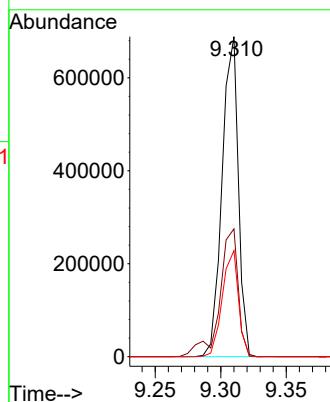
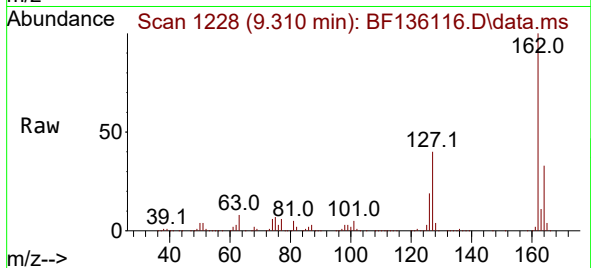
Tgt Ion:162 Resp: 591258

Ion Ratio Lower Upper

162 100

127 39.9 32.4 48.6

164 33.2 26.7 40.1



#48

2-Nitroaniline

Concen: 50.200 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

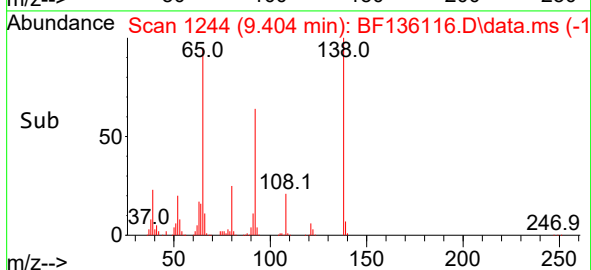
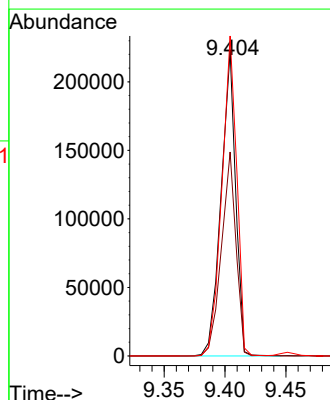
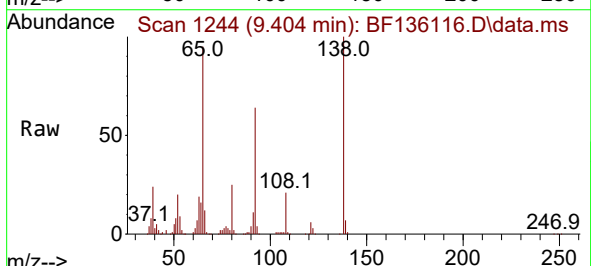
Tgt Ion: 65 Resp: 185927

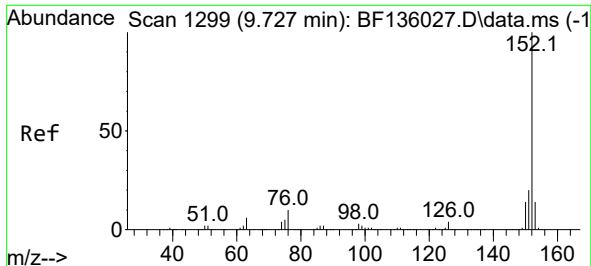
Ion Ratio Lower Upper

65 100

92 66.9 55.7 83.5

138 104.9 86.8 130.2





#49

Acenaphthylene

Concen: 46.039 ng

RT: 9.722 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

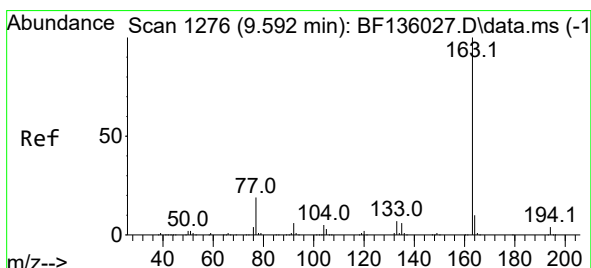
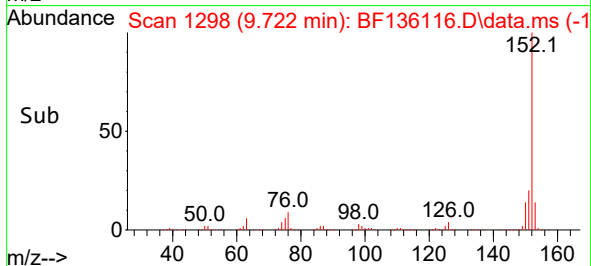
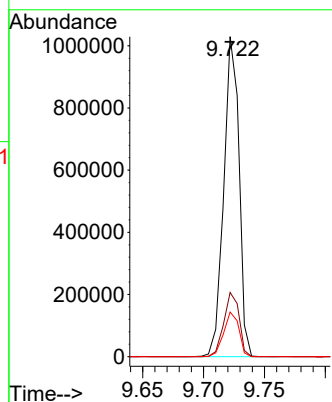
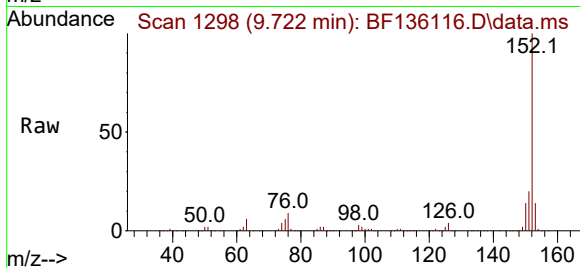
Tgt Ion:152 Resp: 898838

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 14.0 11.4 17.2



#50

Dimethylphthalate

Concen: 47.224 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

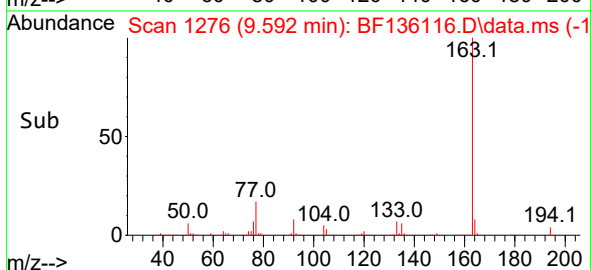
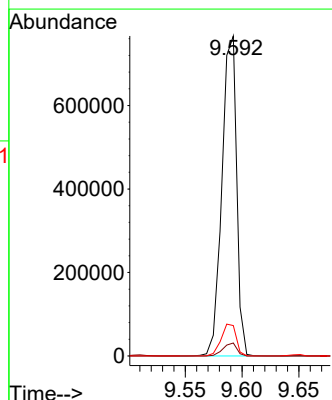
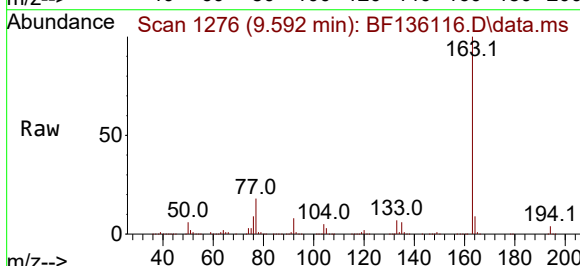
Tgt Ion:163 Resp: 693677

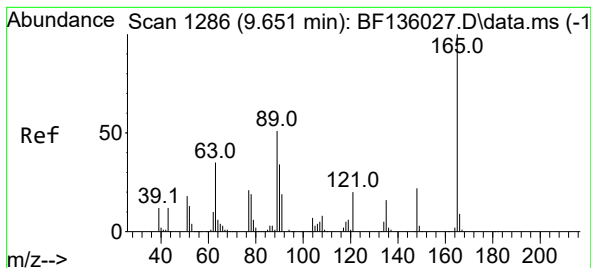
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.5 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.434 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

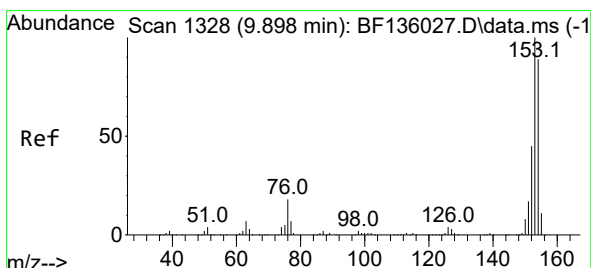
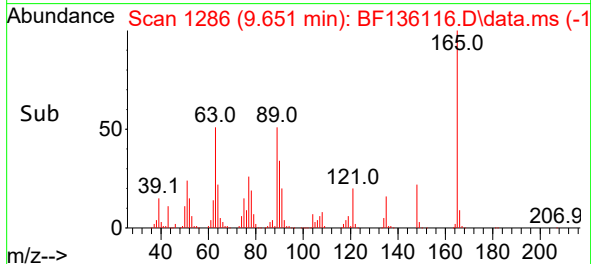
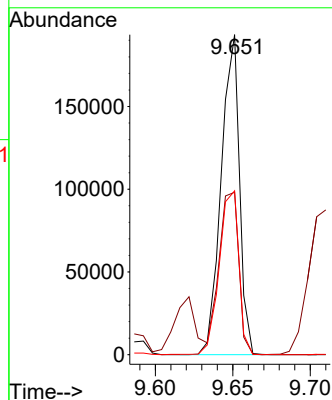
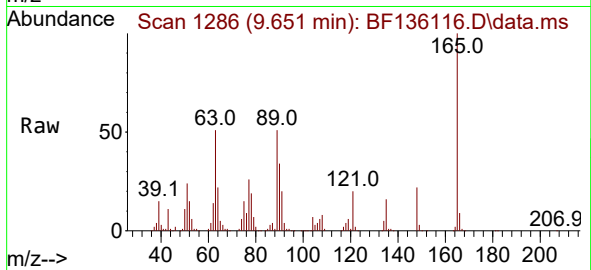
Tgt Ion:165 Resp: 158450

Ion Ratio Lower Upper

165 100

63 50.8 40.8 61.2

89 51.2 41.1 61.7



#52

Acenaphthene

Concen: 46.992 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

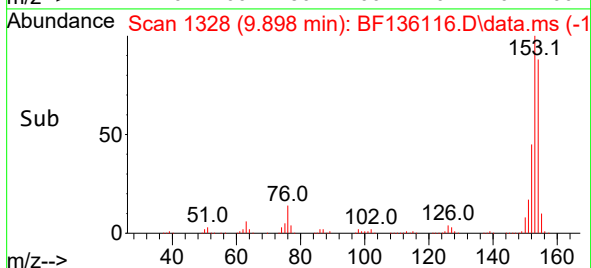
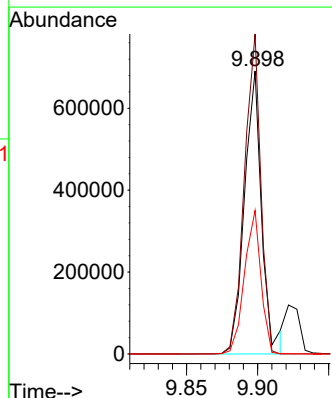
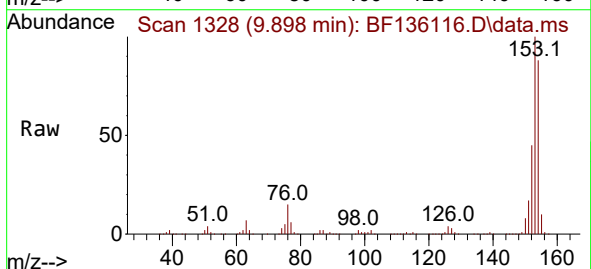
Tgt Ion:154 Resp: 583227

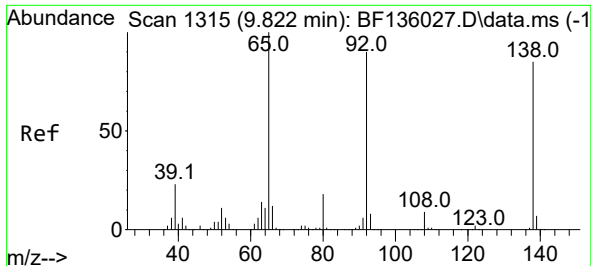
Ion Ratio Lower Upper

154 100

153 113.1 89.9 134.9

152 50.7 40.2 60.2

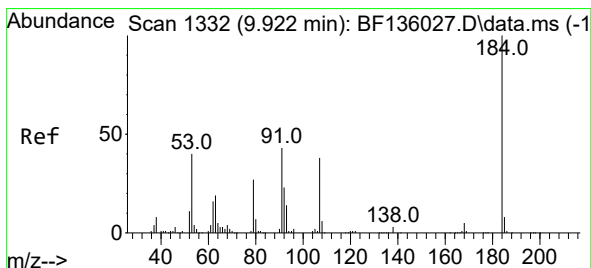
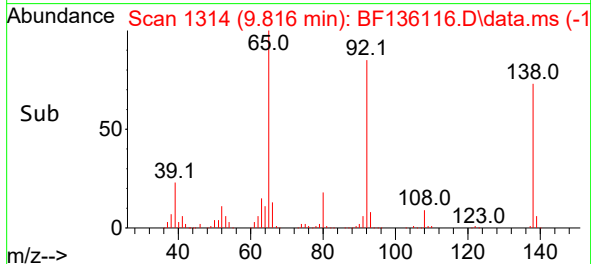
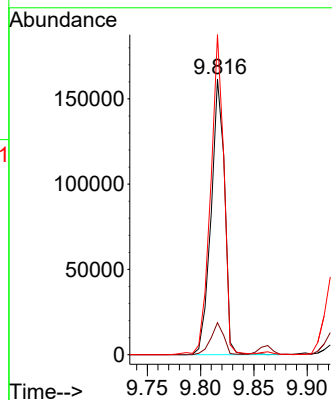
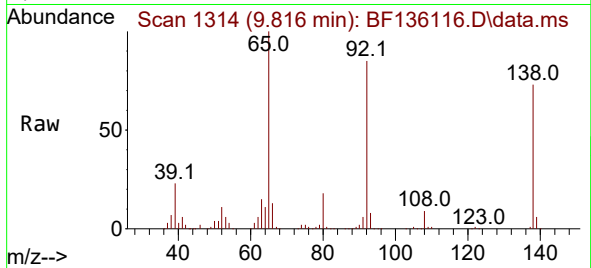




#53
3-Nitroaniline
Concen: 38.805 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

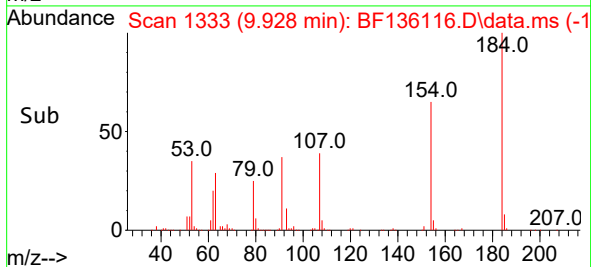
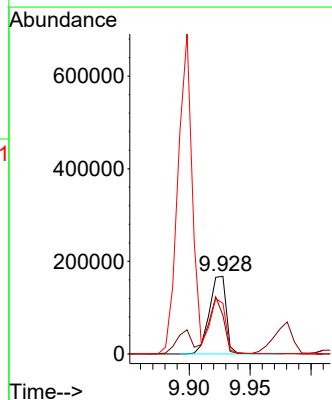
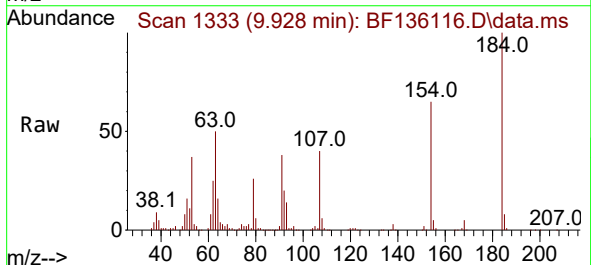
Instrument :
BNA_F
ClientSampleId :
PB156791BS

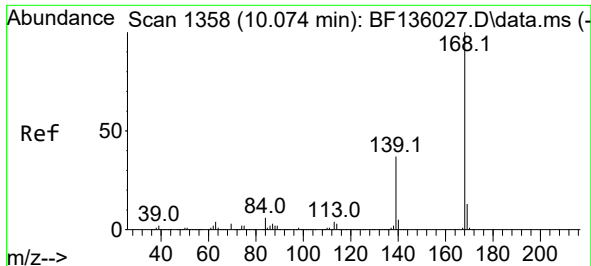
Tgt Ion:138 Resp: 142253
Ion Ratio Lower Upper
138 100
108 11.6 8.8 13.2
92 116.2 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 93.751 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:184 Resp: 162225
Ion Ratio Lower Upper
184 100
63 49.7 43.7 65.5
154 65.3 51.2 76.8

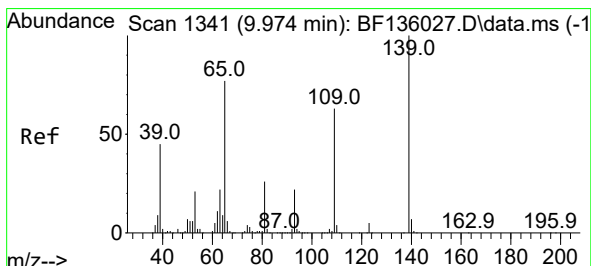
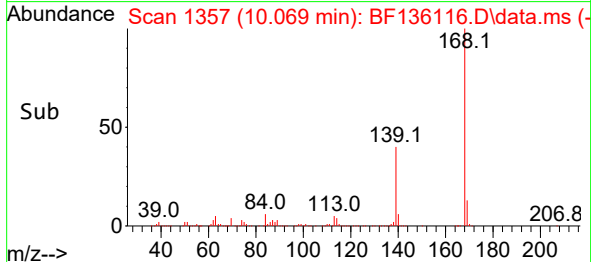
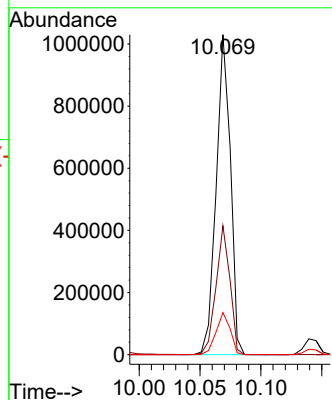
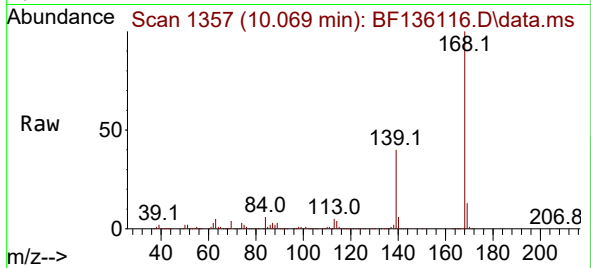




#55
Dibenzenofuran
Concen: 46.076 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

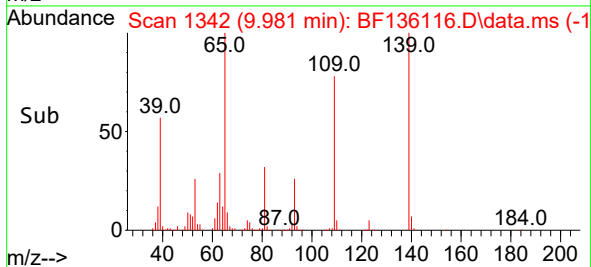
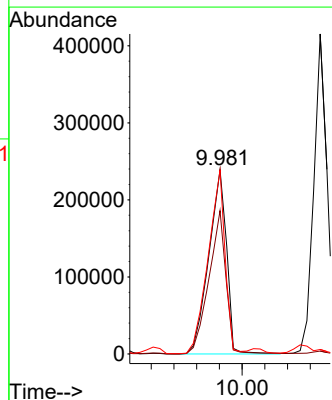
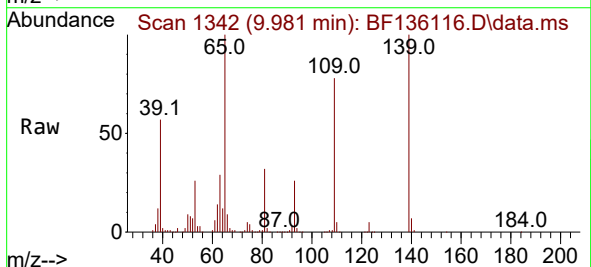
Instrument :
BNA_F
ClientSampleId :
PB156791BS

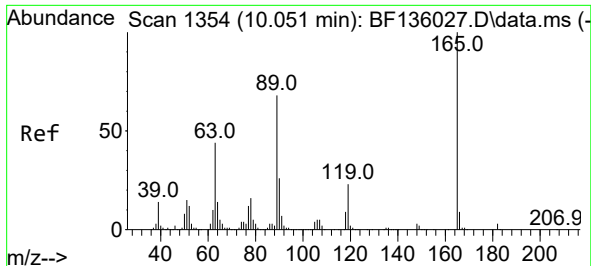
Tgt Ion:168 Resp: 833868
Ion Ratio Lower Upper
168 100
139 40.3 29.4 44.0
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 94.714 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:139 Resp: 259713
Ion Ratio Lower Upper
139 100
109 77.8 43.2 83.2
65 99.7 57.6 97.6#

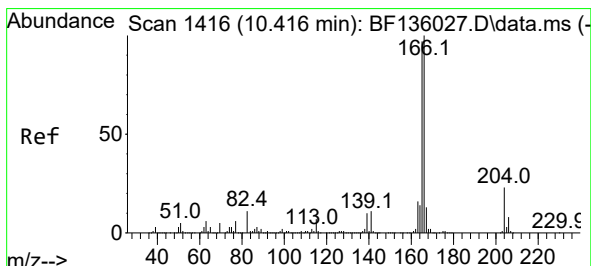
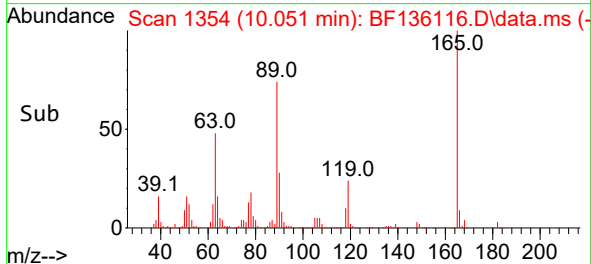
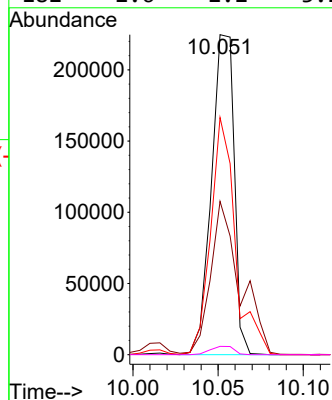
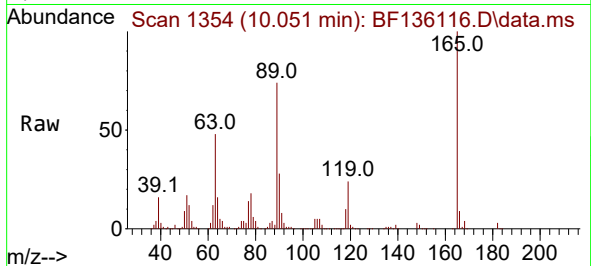




#57
2,4-Dinitrotoluene
Concen: 52.527 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

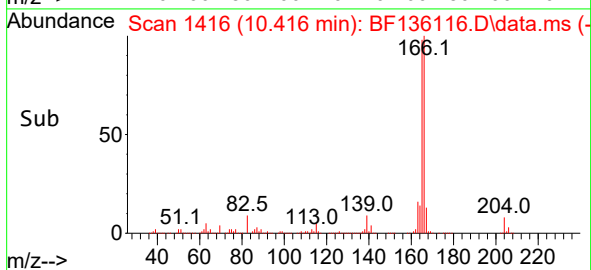
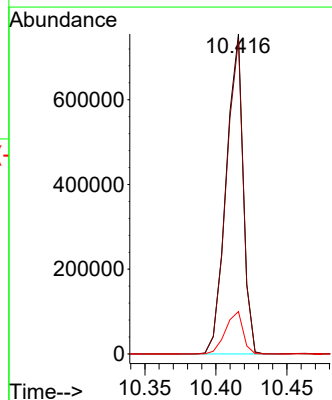
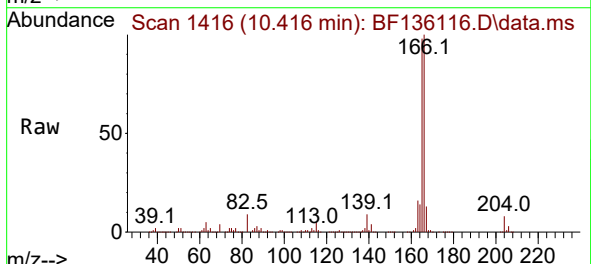
Instrument :
BNA_F
ClientSampleId :
PB156791BS

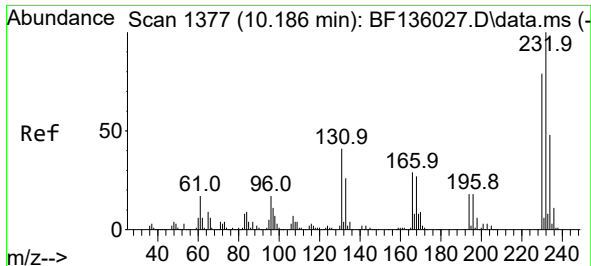
Tgt Ion:165 Resp: 208796
Ion Ratio Lower Upper
165 100
63 47.9 35.2 52.8
89 74.1 54.8 82.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 46.242 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:166 Resp: 626584
Ion Ratio Lower Upper
166 100
165 98.3 77.7 116.5
167 13.3 10.6 16.0

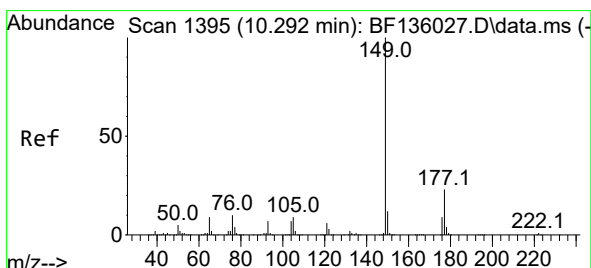
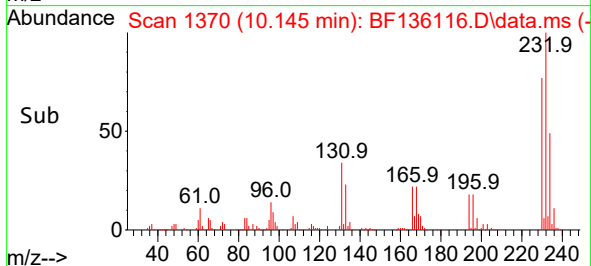
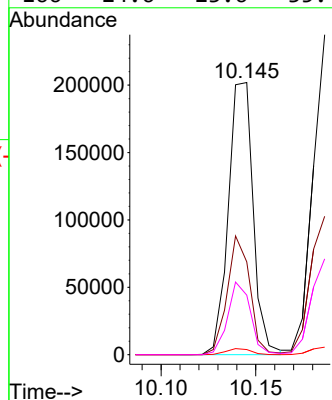
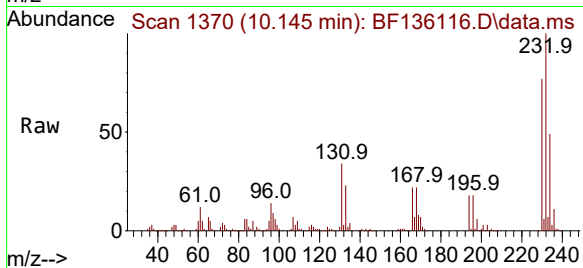




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.280 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

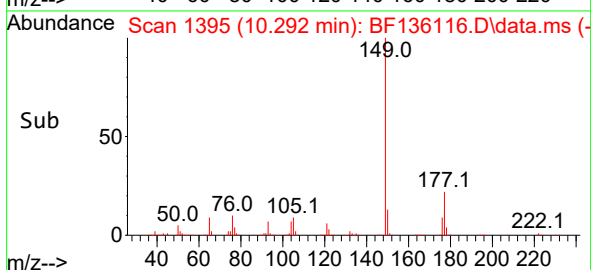
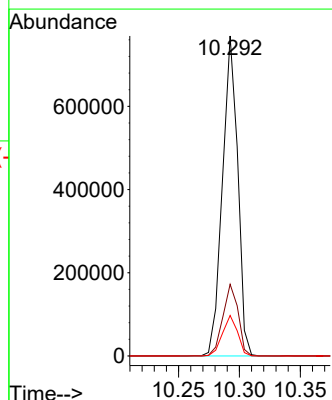
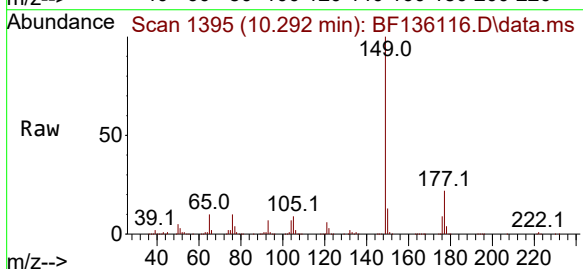
Instrument :
BNA_F
ClientSampleId :
PB156791BS

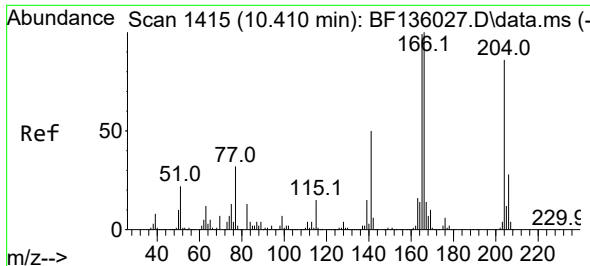
Tgt Ion:232 Resp: 184122
Ion Ratio Lower Upper
232 100
131 39.8 34.6 52.0
130 2.2 1.6 2.4
166 24.6 23.6 35.4



#60
Diethylphthalate
Concen: 47.916 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:149 Resp: 672511
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.4
150 12.6 9.9 14.9

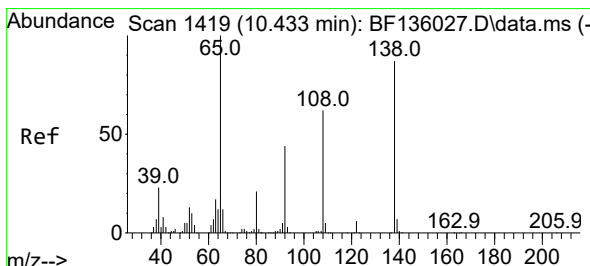
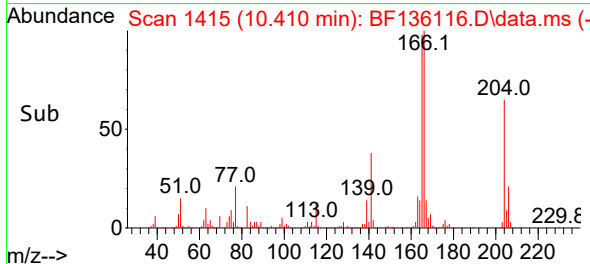
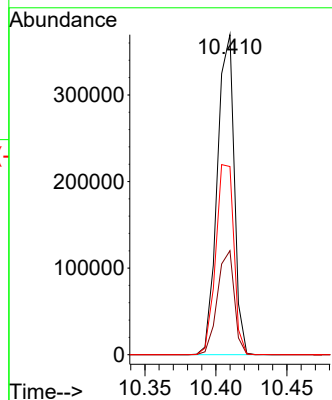
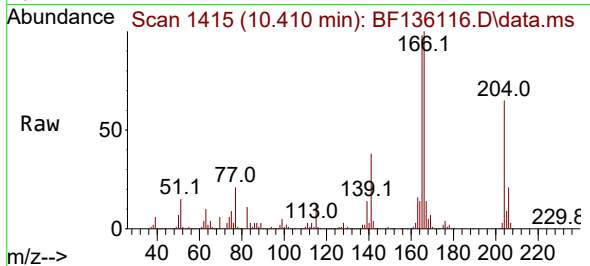




#61
4-Chlorophenyl-phenylether
Concen: 45.286 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

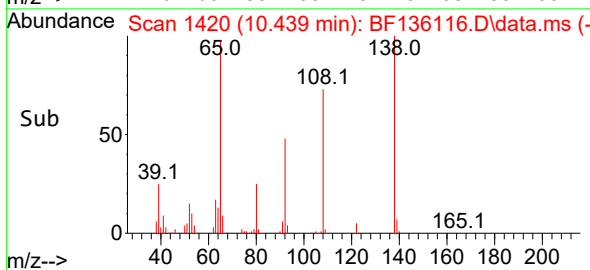
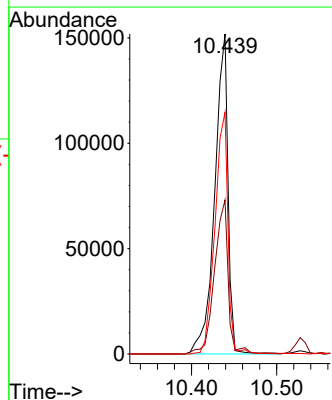
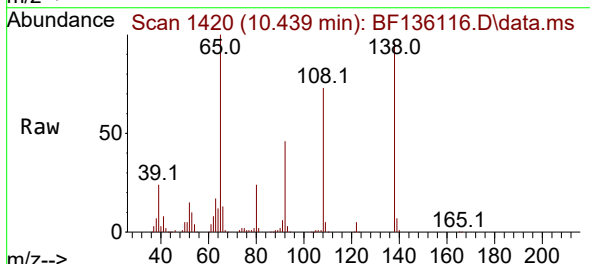
Instrument :
BNA_F
ClientSampleId :
PB156791BS

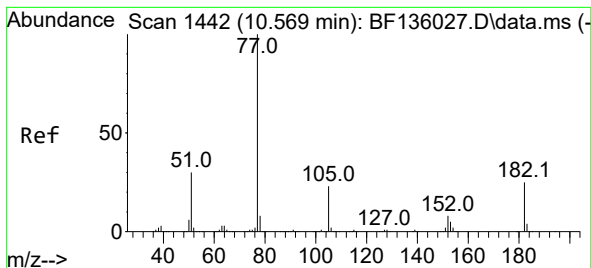
Tgt Ion:204 Resp: 306305
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 58.8 46.8 70.2



#62
4-Nitroaniline
Concen: 46.603 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:138 Resp: 164504
Ion Ratio Lower Upper
138 100
92 48.1 30.6 70.6
108 75.5 51.5 91.5





#63

Azobenzene

Concen: 46.004 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

Tgt Ion: 77 Resp: 621817

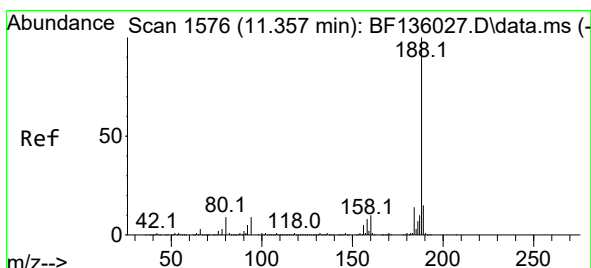
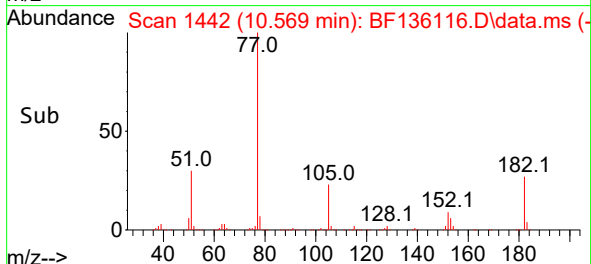
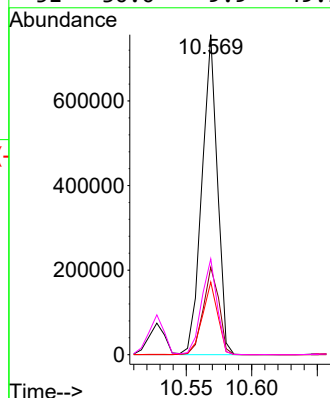
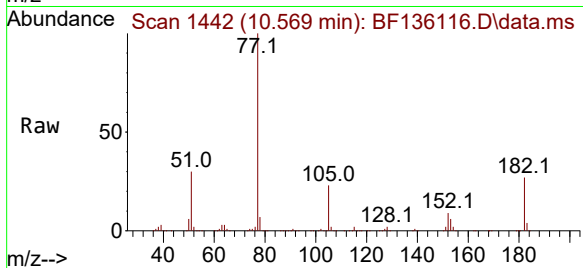
Ion Ratio Lower Upper

77 100

182 27.3 5.0 45.0

105 22.7 2.6 42.6

51 30.0 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

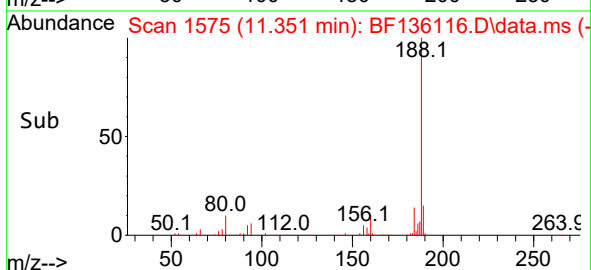
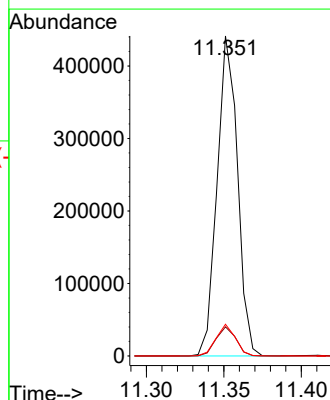
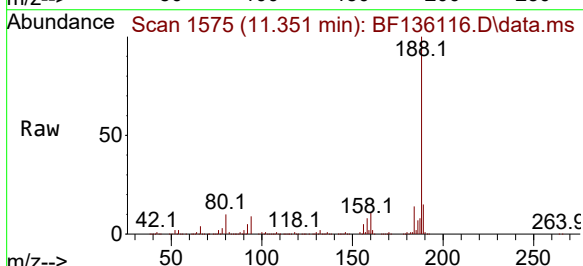
Tgt Ion: 188 Resp: 403733

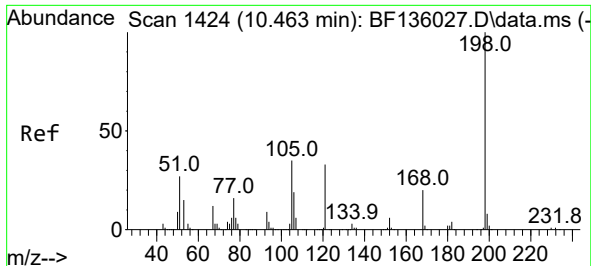
Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 9.9 7.4 11.0

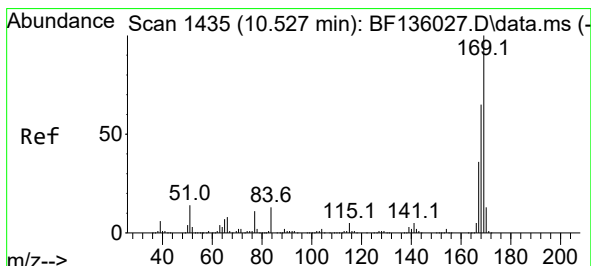
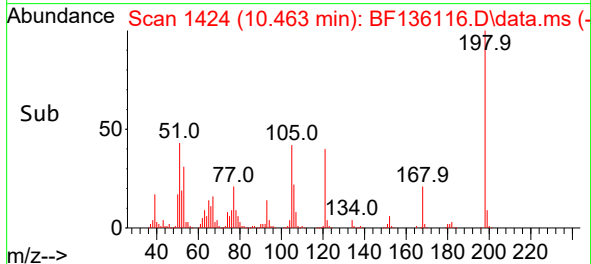
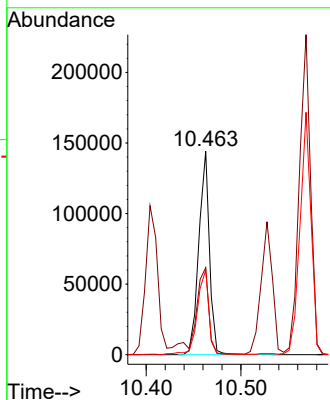
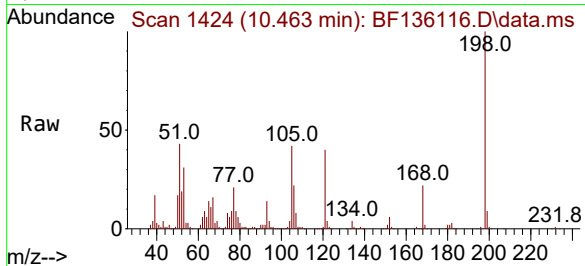




#65
4,6-Dinitro-2-methylphenol
Concen: 50.491 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

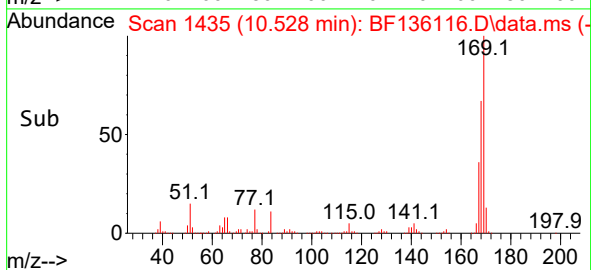
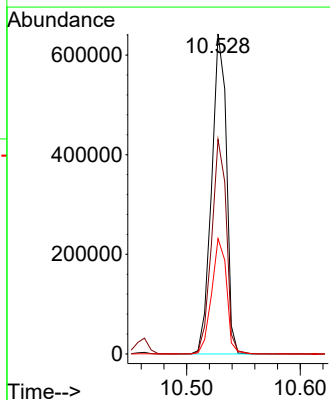
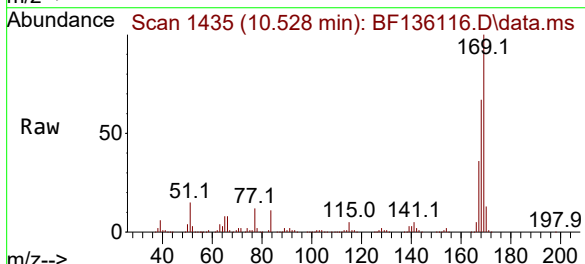
Instrument :
BNA_F
ClientSampleId :
PB156791BS

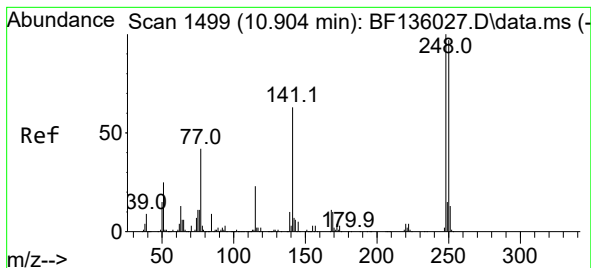
Tgt Ion:198 Resp: 112765
Ion Ratio Lower Upper
198 100
51 42.8 12.9 52.9
105 41.6 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 47.706 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:169 Resp: 581014
Ion Ratio Lower Upper
169 100
168 67.0 52.2 78.2
167 36.0 28.7 43.1

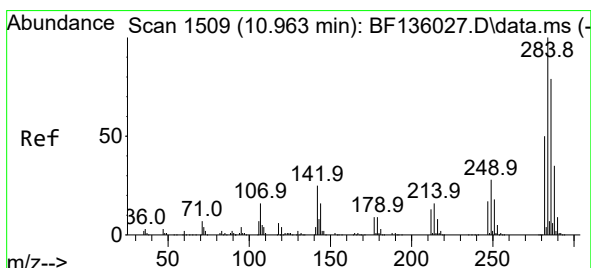
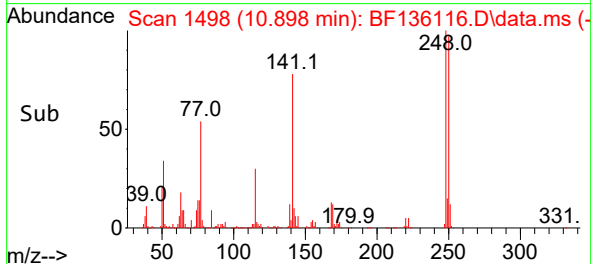
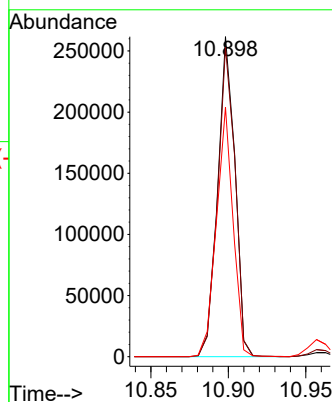
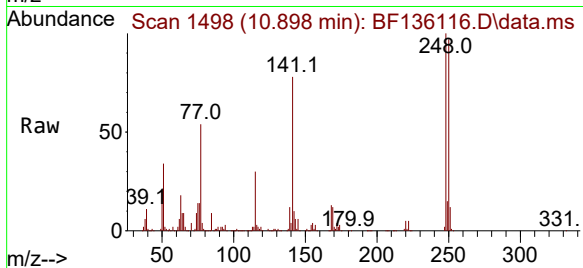




#67
4-Bromophenyl-phenylether
Concen: 48.005 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

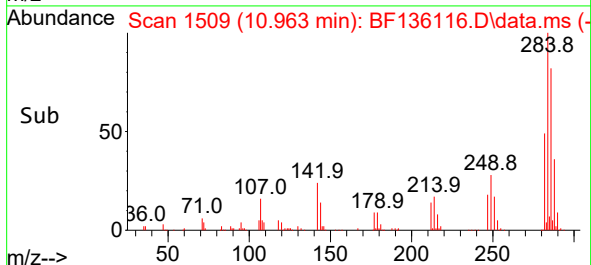
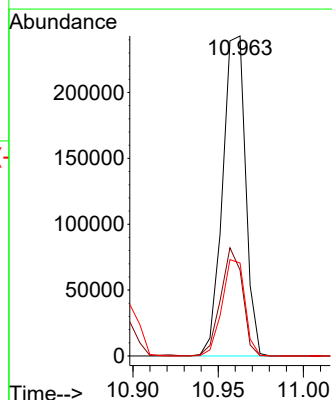
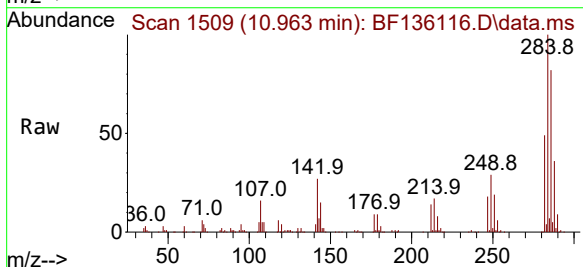
Instrument :
BNA_F
ClientSampleId :
PB156791BS

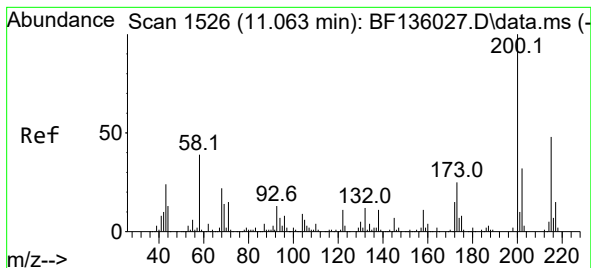
Tgt Ion:248 Resp: 203198
Ion Ratio Lower Upper
248 100
250 96.8 77.6 116.4
141 78.0 50.4 75.6#



#68
Hexachlorobenzene
Concen: 50.273 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:284 Resp: 227272
Ion Ratio Lower Upper
284 100
142 26.9 20.2 30.4
249 29.0 22.6 33.8





#69

Atrazine

Concen: 38.798 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

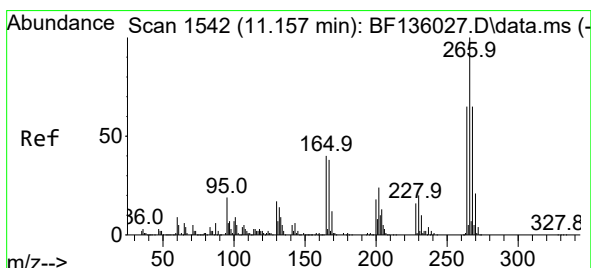
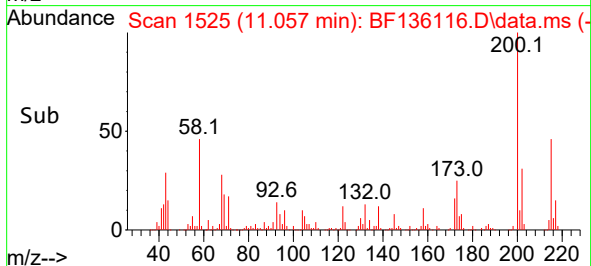
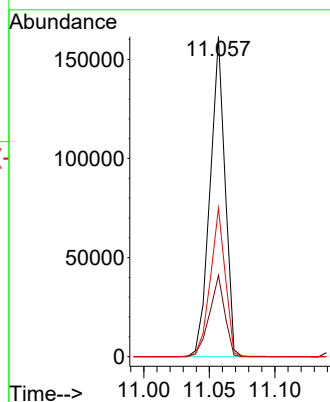
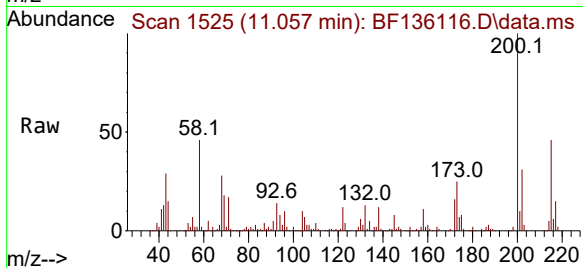
Tgt Ion:200 Resp: 128565

Ion Ratio Lower Upper

200 100

173 25.4 5.2 45.2

215 46.4 28.4 68.4



#70

Pentachlorophenol

Concen: 86.453 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

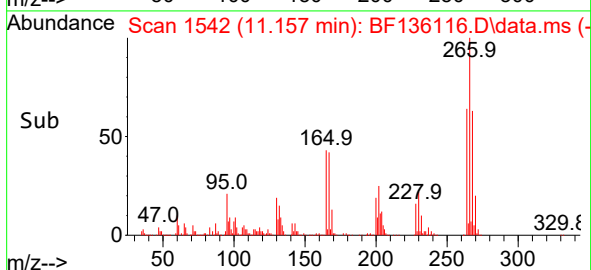
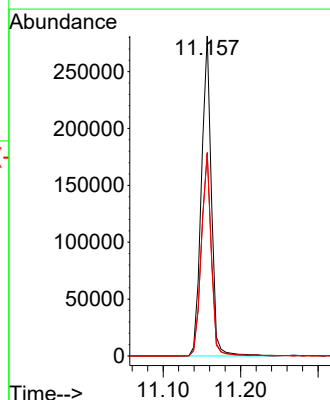
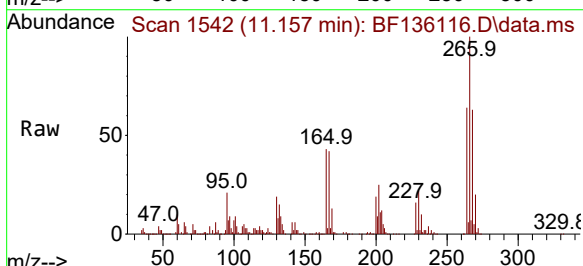
Tgt Ion:266 Resp: 251001

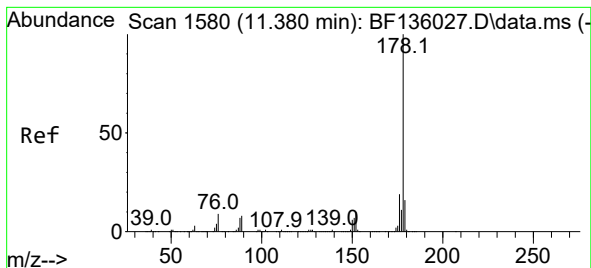
Ion Ratio Lower Upper

266 100

268 63.3 52.2 78.4

264 63.6 52.2 78.4





#71

Phenanthrene

Concen: 47.430 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

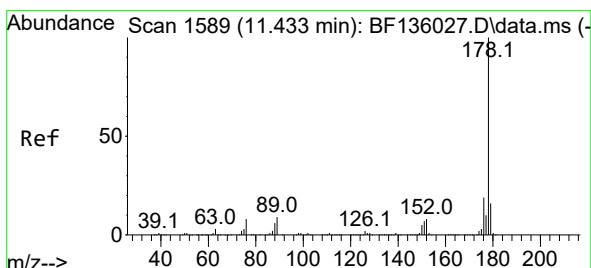
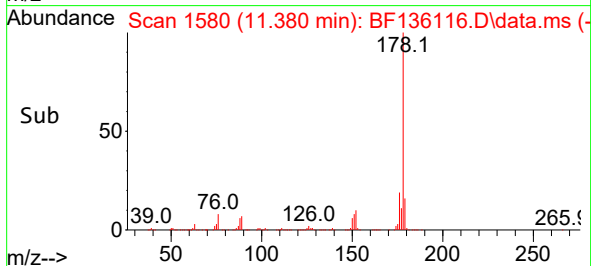
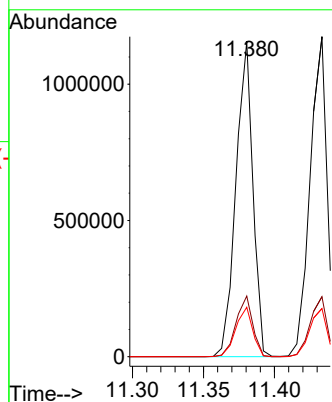
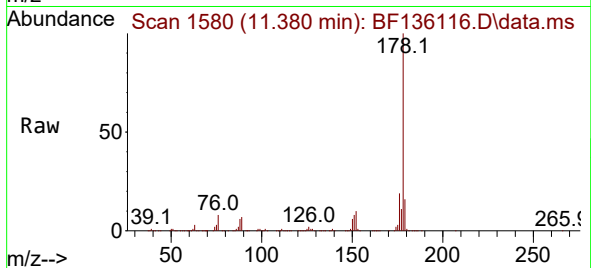
Tgt Ion:178 Resp: 964156

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.7 12.9 19.3



#72

Anthracene

Concen: 47.104 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

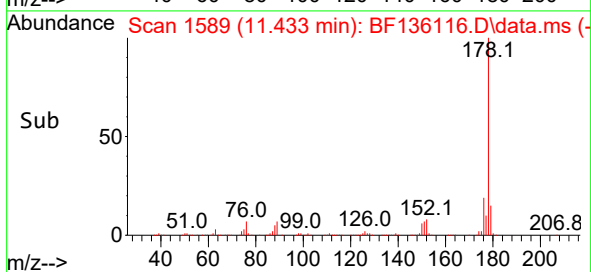
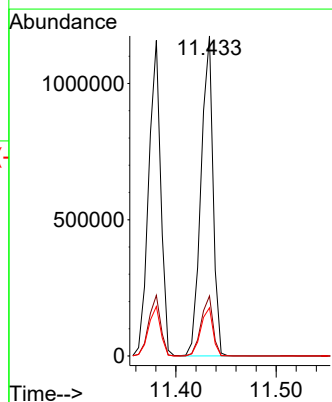
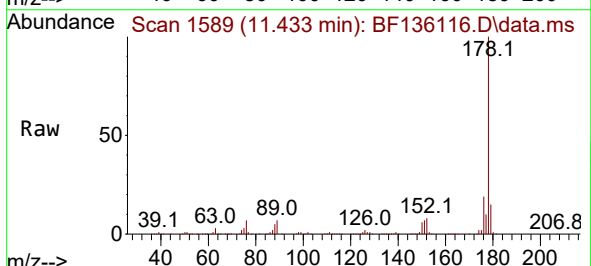
Tgt Ion:178 Resp: 981189

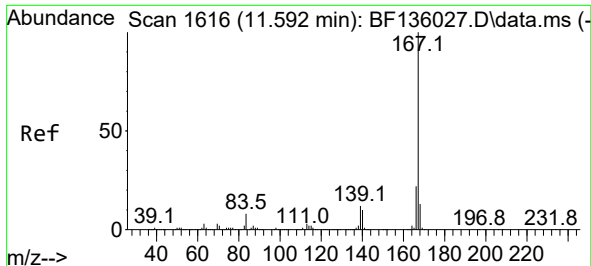
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.1 12.6 18.8

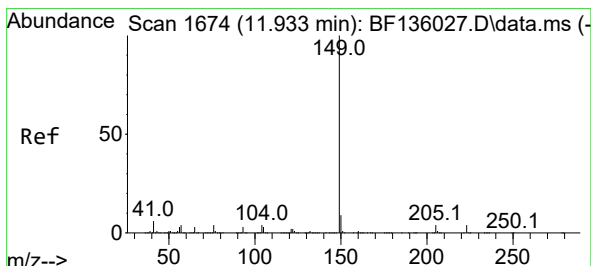
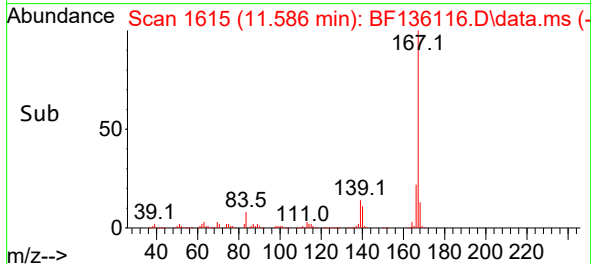
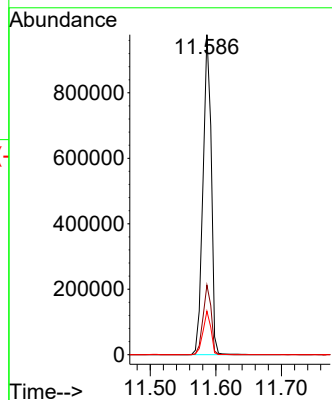
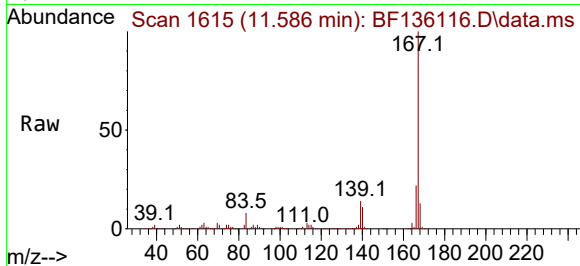




#73
Carbazole
Concen: 47.469 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

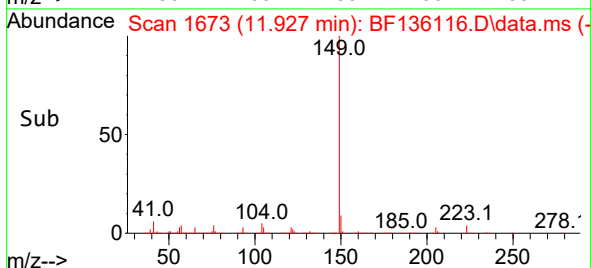
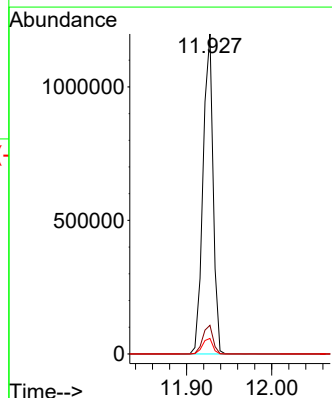
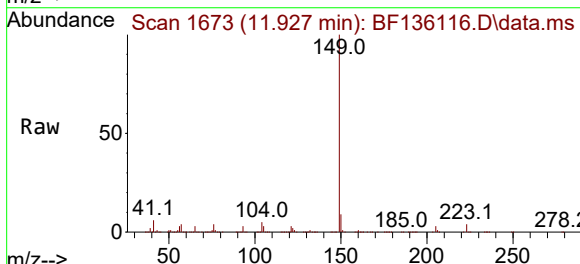
Instrument :
BNA_F
ClientSampleId :
PB156791BS

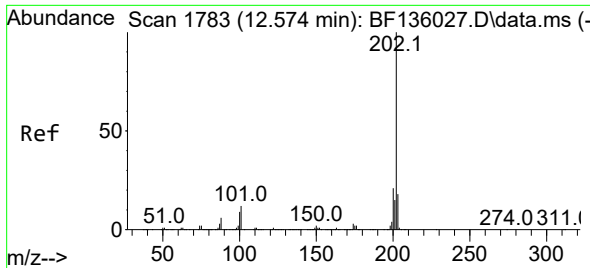
Tgt Ion:167 Resp: 859238
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 47.535 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:149 Resp: 983189
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.9 3.6 5.4

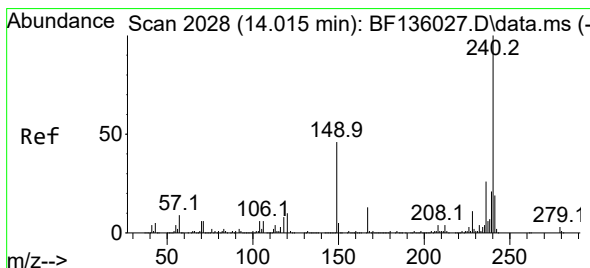
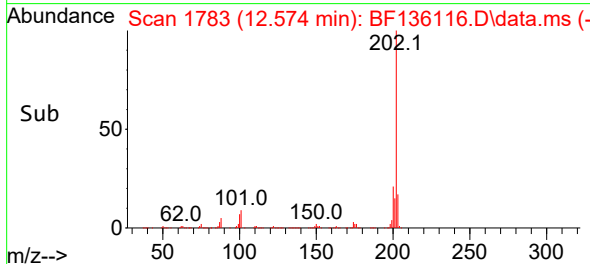
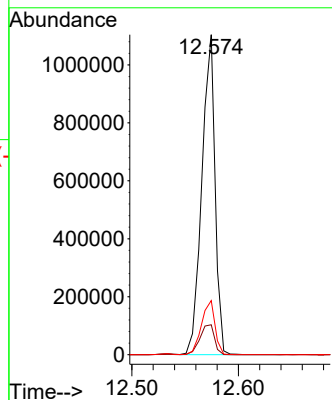
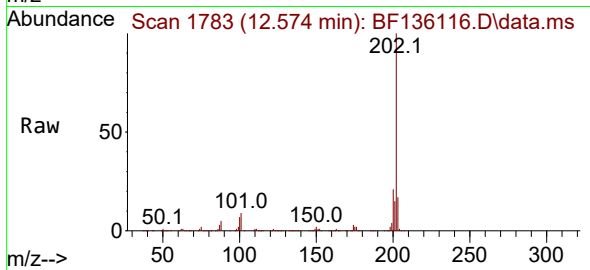




#75
Fluoranthene
Concen: 45.711 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

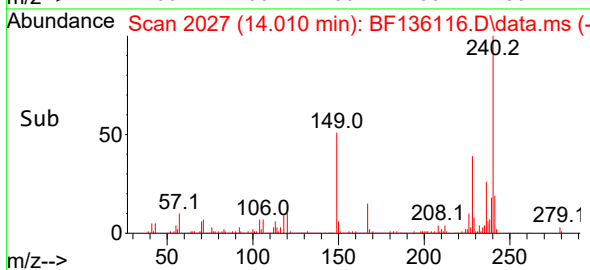
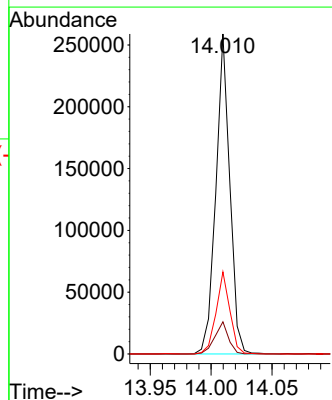
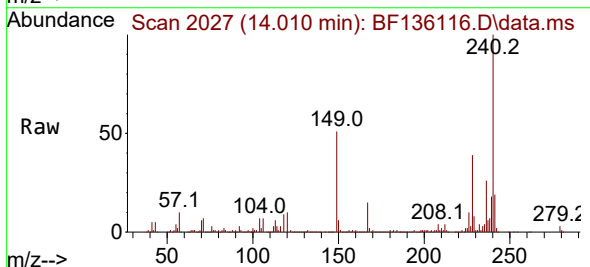
Instrument :
BNA_F
ClientSampleId :
PB156791BS

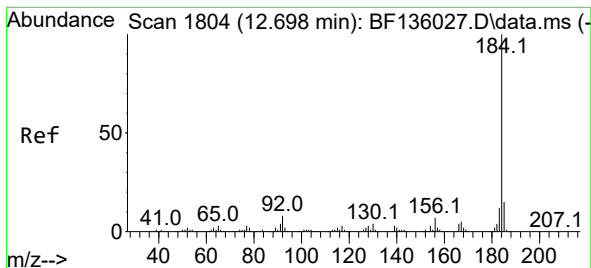
Tgt Ion:202 Resp: 954599
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.8
203 16.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:240 Resp: 205462
Ion Ratio Lower Upper
240 100
120 10.1 7.6 11.4
236 25.7 20.6 31.0





#77

Benzidine

Concen: 60.222 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

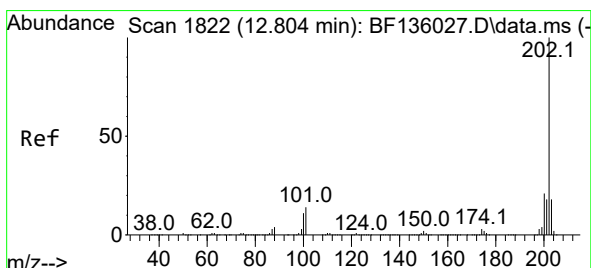
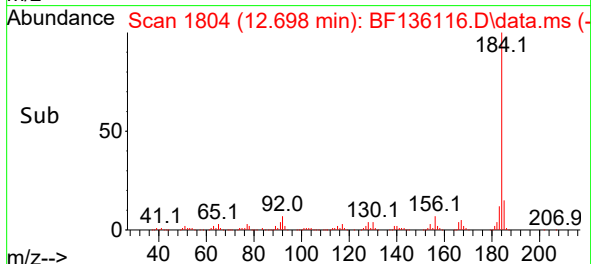
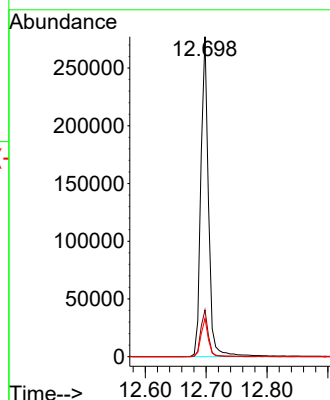
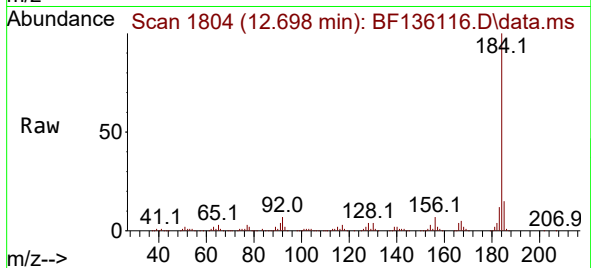
Tgt Ion:184 Resp: 241165

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

183 11.9 9.5 14.3



#78

Pyrene

Concen: 52.686 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

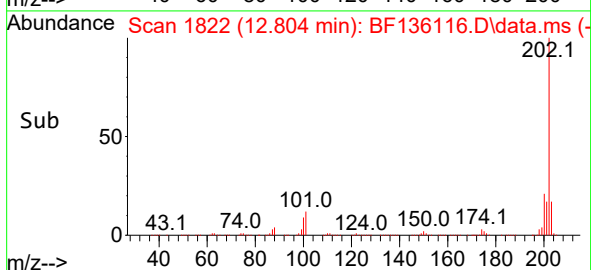
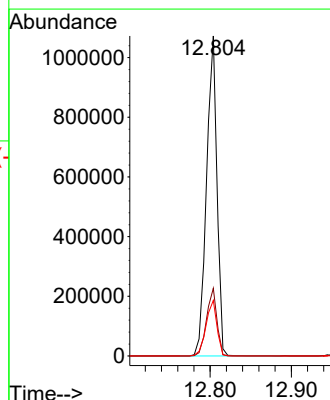
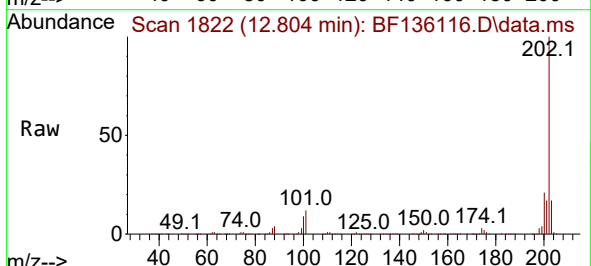
Tgt Ion:202 Resp: 954386

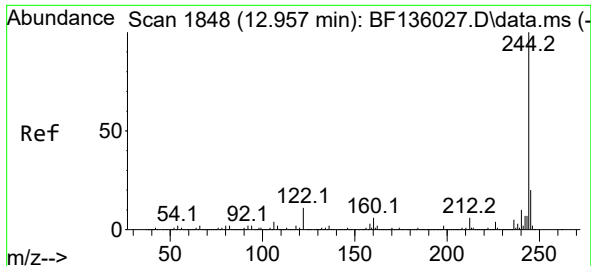
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.4 14.4 21.6

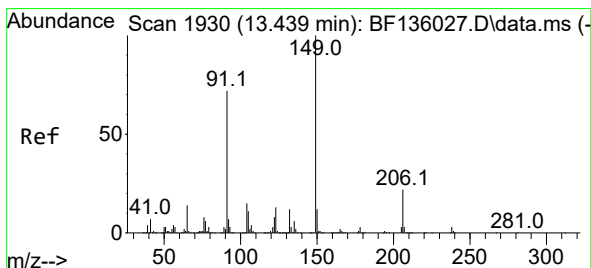
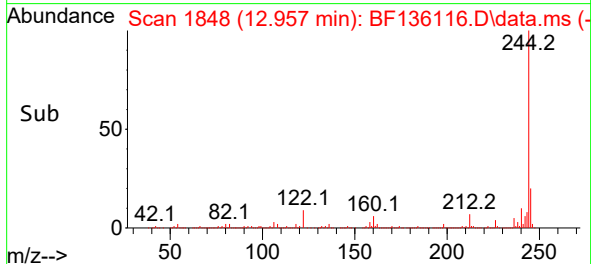
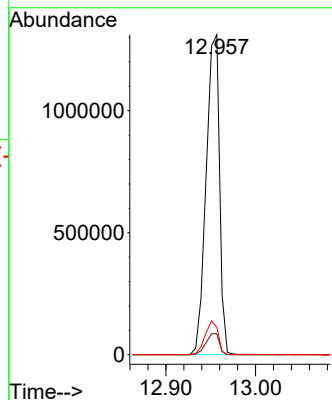
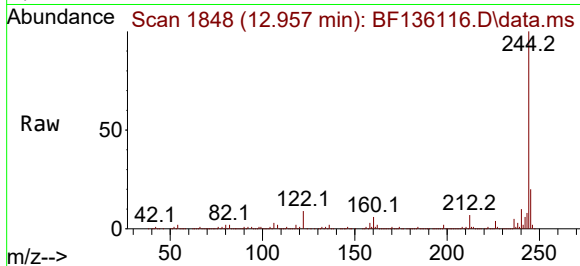




#79
 Terphenyl-d14
 Concen: 102.877 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136116.D
 Acq: 03 Nov 2023 10:58

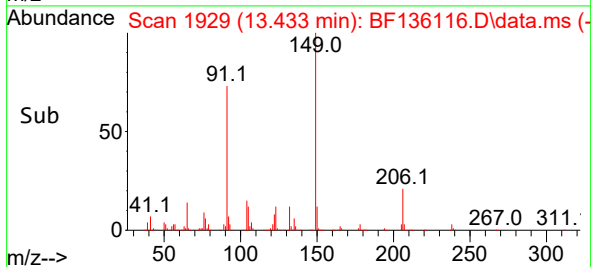
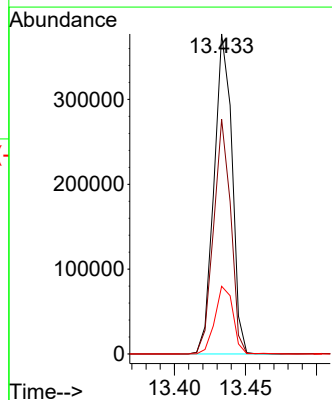
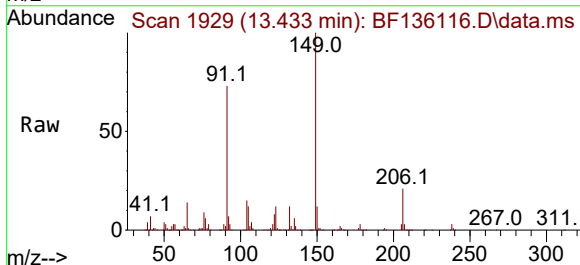
Instrument :
 BNA_F
 ClientSampleId :
 PB156791BS

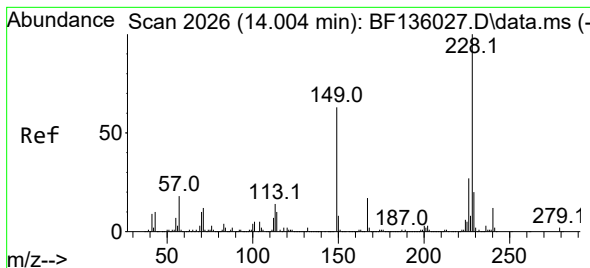
Tgt Ion:244 Resp: 1360159
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 8.6 8.6 12.8#



#80
 Butylbenzylphthalate
 Concen: 51.043 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136116.D
 Acq: 03 Nov 2023 10:58

Tgt Ion:149 Resp: 330974
 Ion Ratio Lower Upper
 149 100
 91 73.3 57.6 86.4
 206 21.2 17.4 26.0





#81

Benzo(a)anthracene

Concen: 48.074 ng

RT: 13.998 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

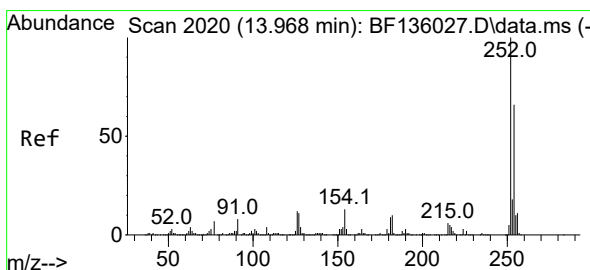
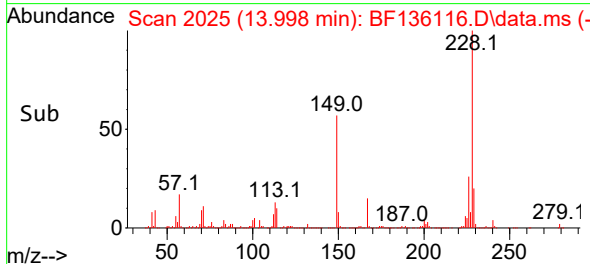
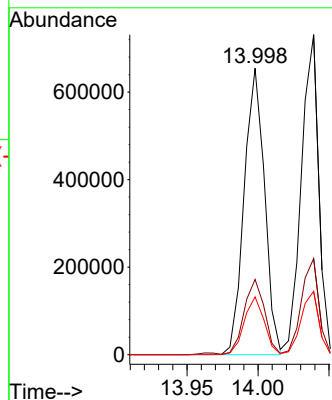
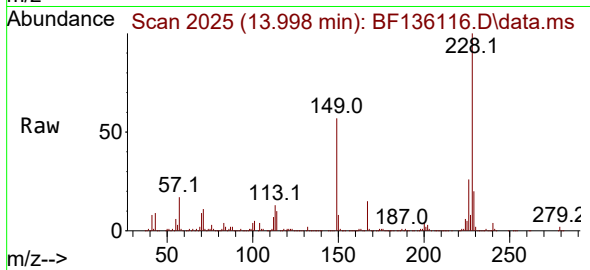
Tgt Ion:228 Resp: 653912

Ion Ratio Lower Upper

228 100

226 26.3 21.5 32.3

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 45.304 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

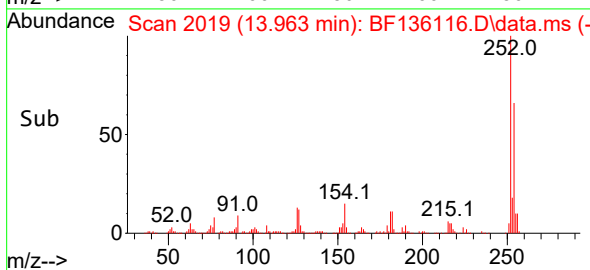
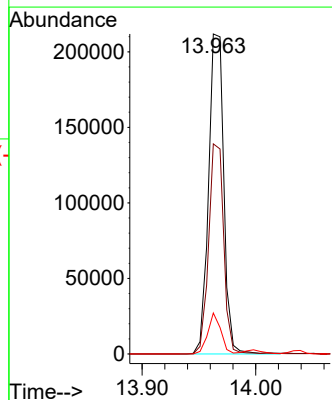
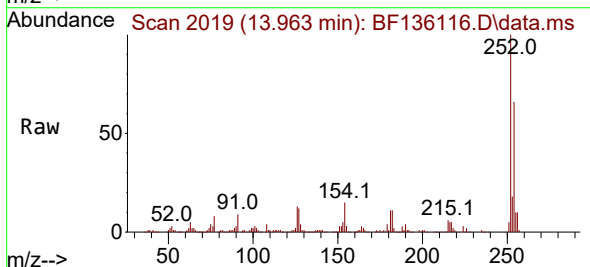
Tgt Ion:252 Resp: 196685

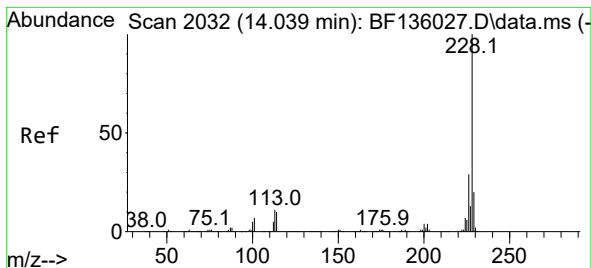
Ion Ratio Lower Upper

252 100

254 65.6 52.5 78.7

126 12.8 9.4 14.2





#83

Chrysene

Concen: 46.727 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

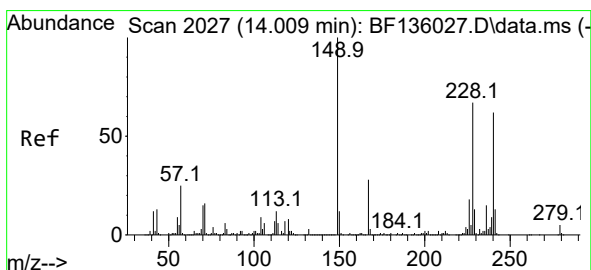
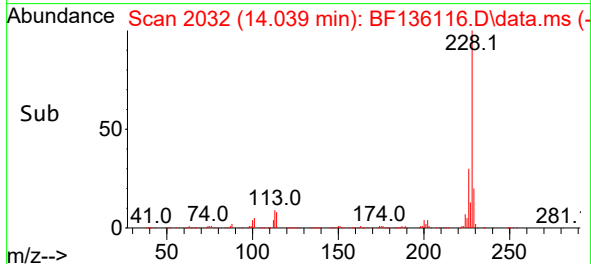
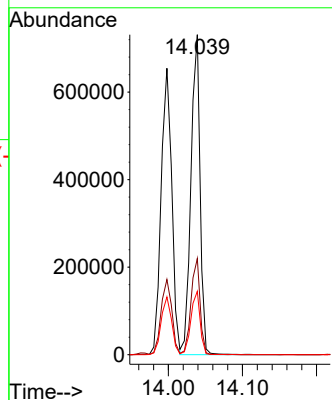
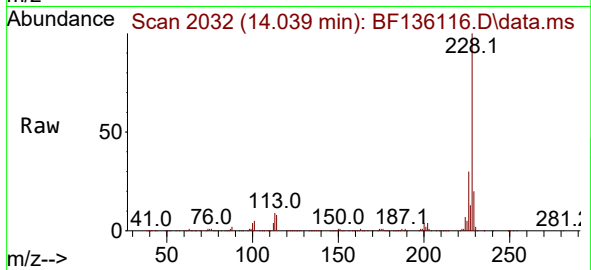
Tgt Ion:228 Resp: 625944

Ion Ratio Lower Upper

228 100

226 30.1 23.5 35.3

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.343 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

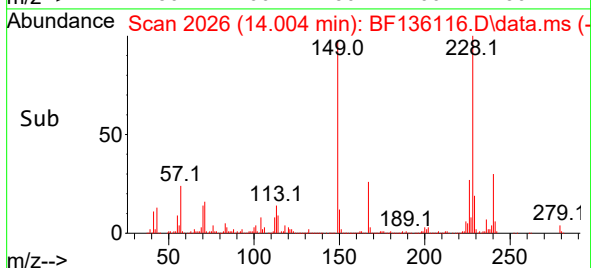
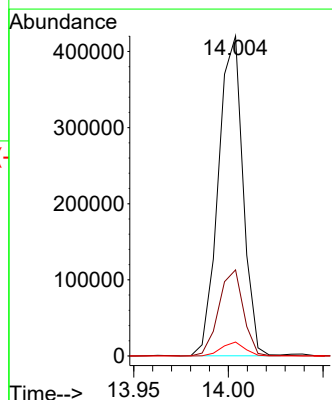
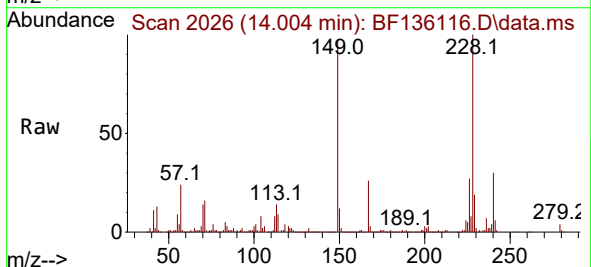
Tgt Ion:149 Resp: 380313

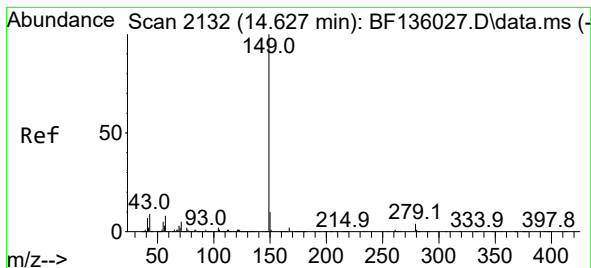
Ion Ratio Lower Upper

149 100

167 26.9 22.6 33.8

279 4.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 48.142 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

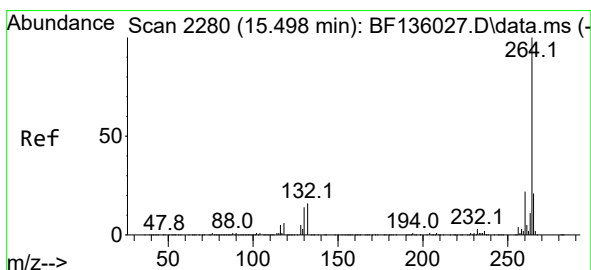
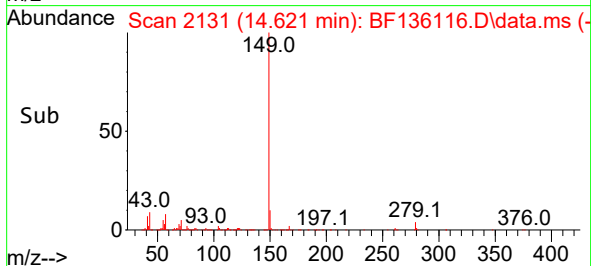
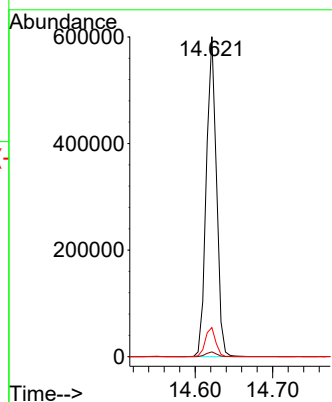
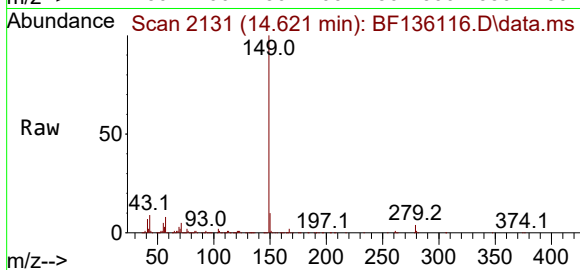
Tgt Ion:149 Resp: 544816

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

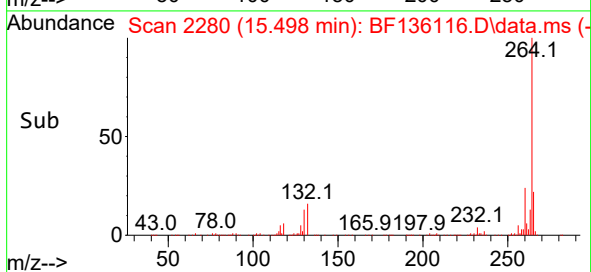
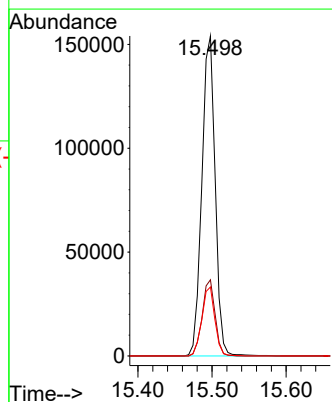
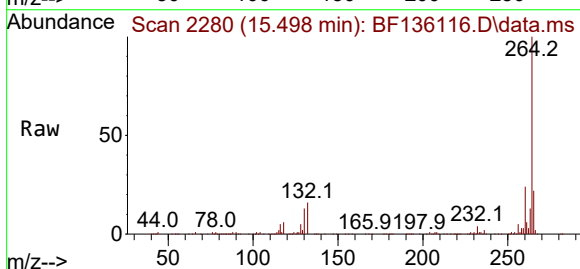
Tgt Ion:264 Resp: 192003

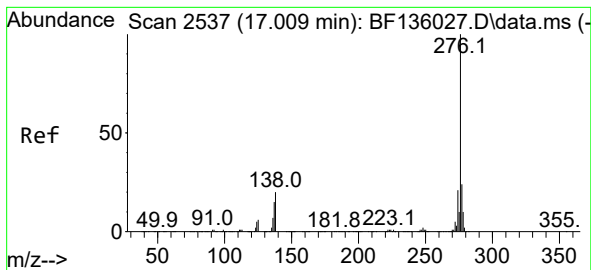
Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 21.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.693 ng

RT: 17.015 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

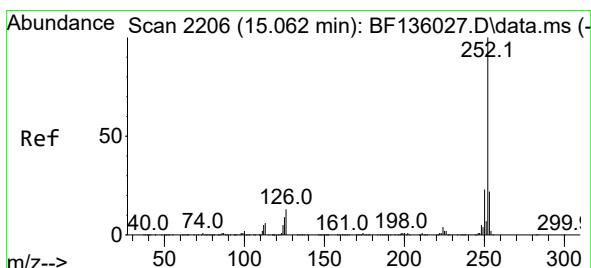
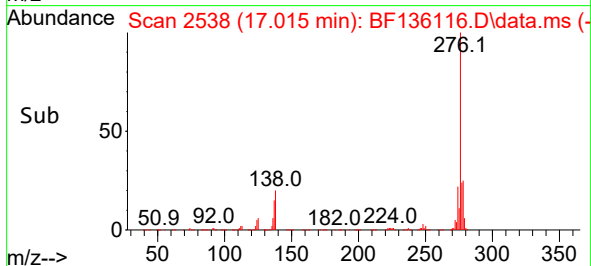
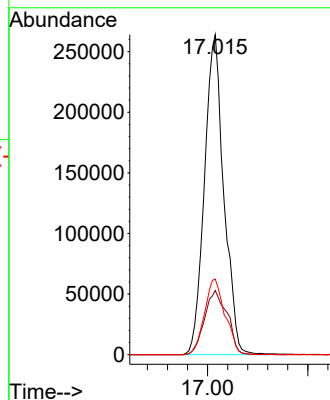
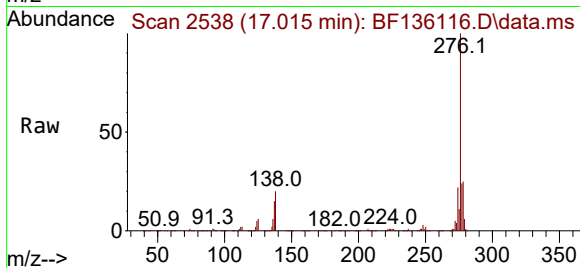
Tgt Ion:276 Resp: 711411

Ion Ratio Lower Upper

276 100

138 23.4 20.4 30.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.058 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

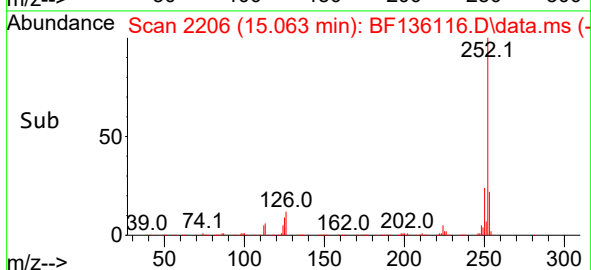
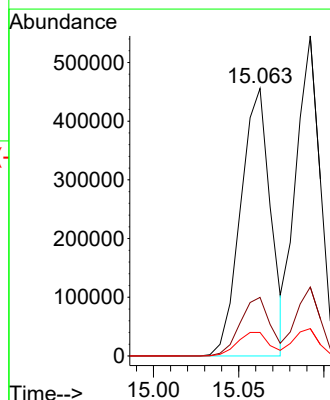
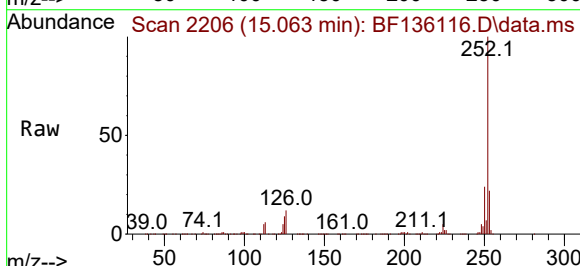
Tgt Ion:252 Resp: 557358

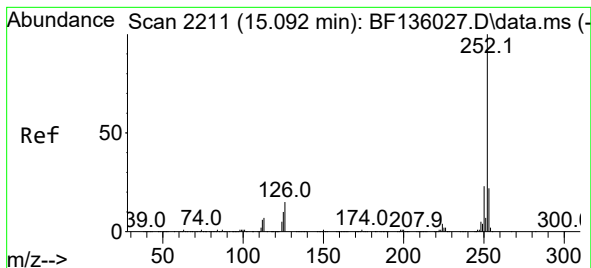
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.8 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 48.038 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB156791BS

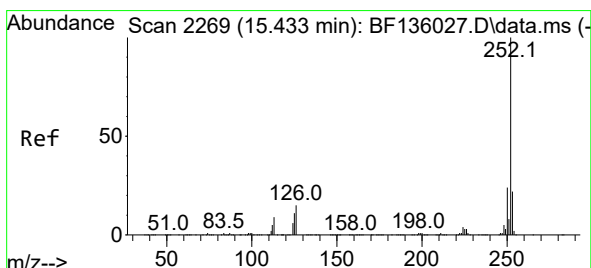
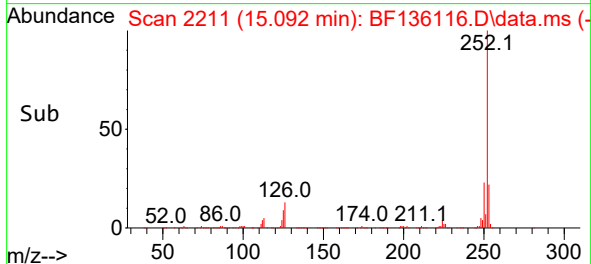
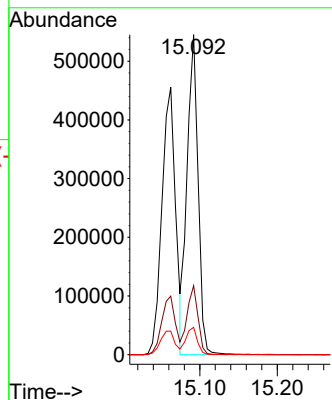
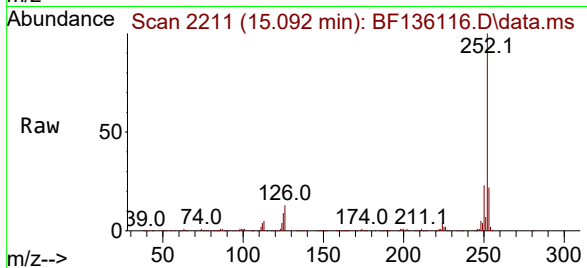
Tgt Ion:252 Resp: 540012

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 8.6 8.0 12.0



#90

Benzo(a)pyrene

Concen: 46.782 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF136116.D

Acq: 03 Nov 2023 10:58

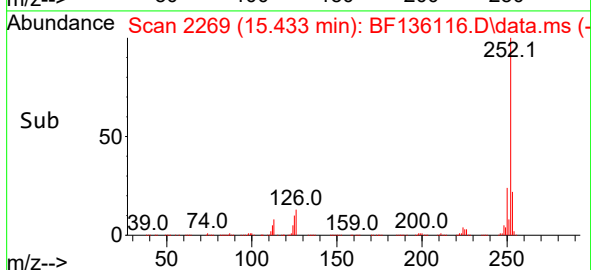
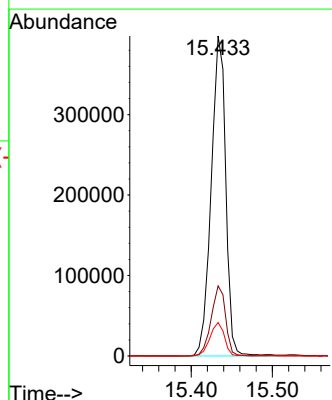
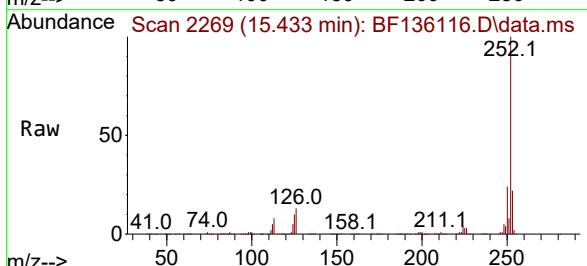
Tgt Ion:252 Resp: 493841

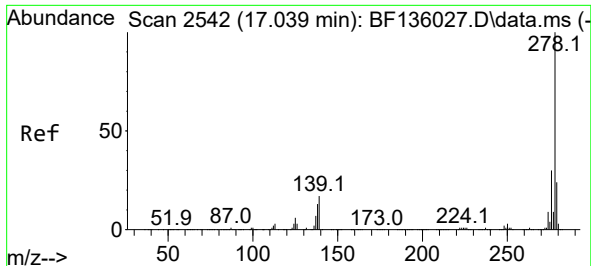
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.5 9.0 13.6

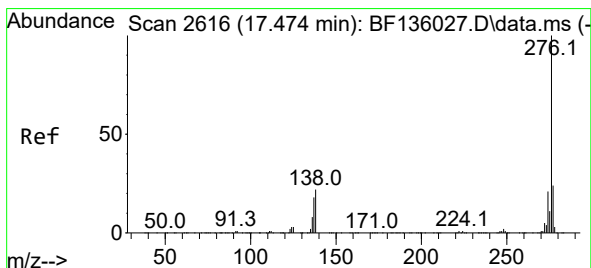
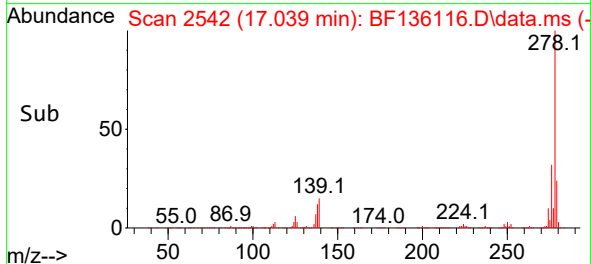
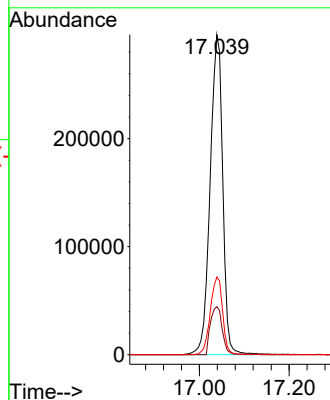
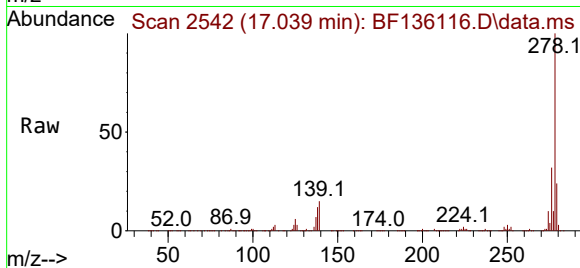




#91
Dibenzo(a,h)anthracene
Concen: 56.176 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Instrument :
BNA_F
ClientSampleId :
PB156791BS

Tgt Ion:278 Resp: 577432
Ion Ratio Lower Upper
278 100
139 15.0 13.7 20.5
279 24.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 50.827 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF136116.D
Acq: 03 Nov 2023 10:58

Tgt Ion:276 Resp: 596934
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 20.7 17.4 26.2

