

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136278.D
 Acq On : 29 Nov 2023 12:18
 Operator : CG\JU
 Sample : PB157393BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157393BS

Quant Time: Nov 29 12:46:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	147659	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	642167	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	331693	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	610571	20.000	ng	0.00
76) Chrysene-d12	13.986	240	272004	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	274189	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1354845	127.709	ng	0.02
7) Phenol-d6	6.451	99	1680582	126.694	ng	0.00
23) Nitrobenzene-d5	7.375	82	1029903	84.750	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	549791	135.576	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2167801	83.479	ng	0.00
79) Terphenyl-d14	12.933	244	2187783	92.777	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.675	88	152139	37.901	ng	98
3) Pyridine	3.434	79	339594	34.272	ng	97
4) n-Nitrosodimethylamine	3.399	42	205215	40.971	ng	95
6) Aniline	6.475	93	502809	40.104	ng	96
8) 2-Chlorophenol	6.592	128	523301	45.302	ng	95
9) Benzaldehyde	6.357	77	85289	11.536	ng	99
10) Phenol	6.463	94	620881	43.629	ng	95
11) bis(2-Chloroethyl)ether	6.551	93	467796	44.808	ng	97
12) 1,3-Dichlorobenzene	6.751	146	553491	42.222	ng	98
13) 1,4-Dichlorobenzene	6.822	146	570301	42.795	ng	97
14) 1,2-Dichlorobenzene	6.975	146	530723	42.067	ng	98
15) Benzyl Alcohol	6.957	79	410789	44.169	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	642703	44.320	ng	99
17) 2-Methylphenol	7.063	107	416514	45.865	ng	98
18) Hexachloroethane	7.316	117	194417	41.592	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	354428	44.674	ng	98
20) 3+4-Methylphenols	7.216	107	522232	44.247	ng	92
22) Acetophenone	7.222	105	748918	44.406	ng	# 92
24) Nitrobenzene	7.392	77	520765	42.287	ng	96
25) Isophorone	7.628	82	967470	44.152	ng	98
26) 2-Nitrophenol	7.704	139	260702	49.685	ng	96
27) 2,4-Dimethylphenol	7.745	122	438516	63.495	ng	100
28) bis(2-Chloroethoxy)met...	7.839	93	590213	44.530	ng	100
29) 2,4-Dichlorophenol	7.945	162	433795	46.568	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	488603	42.841	ng	99
31) Naphthalene	8.110	128	1574947	43.634	ng	99
32) Benzoic acid	7.881	122	316384	50.266	ng	98
33) 4-Chloroaniline	8.157	127	430192	35.063	ng	99
34) Hexachlorobutadiene	8.222	225	271669	40.715	ng	97
35) Caprolactam	8.539	113	75449	28.973	ng	94
36) 4-Chloro-3-methylphenol	8.645	107	458263	45.358	ng	98
37) 2-Methylnaphthalene	8.798	142	990731	43.756	ng	99
38) 1-Methylnaphthalene	8.898	142	920208	41.662	ng	97
40) 1,2,4,5-Tetrachloroben...	8.969	216	468931	44.422	ng	99
41) Hexachlorocyclopentadiene	8.951	237	531144	130.764	ng	95
43) 2,4,6-Trichlorophenol	9.081	196	309023	45.102	ng	93

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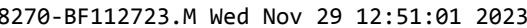
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	332407	44.456	ng	98
46) 1,1'-Biphenyl	9.269	154	1295390	44.286	ng	99
47) 2-Chloronaphthalene	9.292	162	968923	42.655	ng	98
48) 2-Nitroaniline	9.392	65	278007	46.877	ng	86
49) Acenaphthylene	9.710	152	1485831	45.836	ng	99
50) Dimethylphthalate	9.575	163	1142323	45.565	ng	100
51) 2,6-Dinitrotoluene	9.633	165	234292	45.746	ng	97
52) Acenaphthene	9.880	154	901592	44.011	ng	99
53) 3-Nitroaniline	9.804	138	197287	38.822	ng	98
54) 2,4-Dinitrophenol	9.916	184	258235	108.411	ng	# 84
55) Dibenzofuran	10.051	168	1361087	44.651	ng	99
56) 4-Nitrophenol	9.975	139	353563	91.605	ng	86
57) 2,4-Dinitrotoluene	10.039	165	317910	46.469	ng	91
58) Fluorene	10.398	166	1033773	43.235	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	278808	46.864	ng	99
60) Diethylphthalate	10.280	149	1117489	44.561	ng	98
61) 4-Chlorophenyl-phenylether	10.392	204	496731	42.778	ng	99
62) 4-Nitroaniline	10.427	138	219020	44.030	ng	94
63) Azobenzene	10.551	77	1028597	44.242	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	170360	51.023	ng	89
66) n-Nitrosodiphenylamine	10.516	169	922309	47.137	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	323391	45.399	ng	100
68) Hexachlorobenzene	10.945	284	366395	44.442	ng	96
69) Atrazine	11.039	200	180724	31.136	ng	98
70) Pentachlorophenol	11.139	266	392164	84.153	ng	99
71) Phenanthrene	11.363	178	1597907	46.563	ng	99
72) Anthracene	11.416	178	1588343	46.154	ng	99
73) Carbazole	11.569	167	1289035	44.041	ng	99
74) Di-n-butylphthalate	11.904	149	1675702	45.757	ng	99
75) Fluoranthene	12.557	202	1450547	41.638	ng	99
77) Benzidine	12.680	184	201923	45.160	ng	99
78) Pyrene	12.786	202	1432188	48.077	ng	99
80) Butylbenzylphthalate	13.410	149	447613	48.280	ng	96
81) Benzo(a)anthracene	13.980	228	918960	45.485	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	288914	59.407	ng	98
83) Chrysene	14.015	228	886896	45.465	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	521280	46.850	ng	100
85) Di-n-octyl phthalate	14.598	149	904523	49.834	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	974357	47.567	ng	99
88) Benzo(b)fluoranthene	15.039	252	892587	46.400	ng	99
89) Benzo(k)fluoranthene	15.068	252	857321	46.924	ng	99
90) Benzo(a)pyrene	15.410	252	752101	47.827	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	793723	48.238	ng	98
92) Benzo(g,h,i)perylene	17.445	276	779374	47.248	ng	98

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

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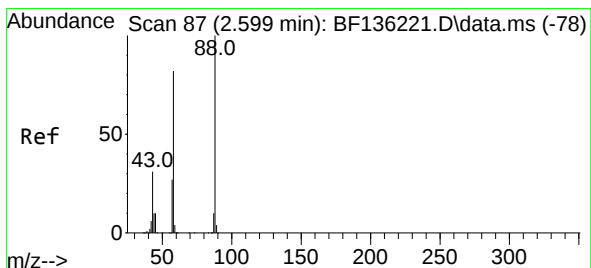
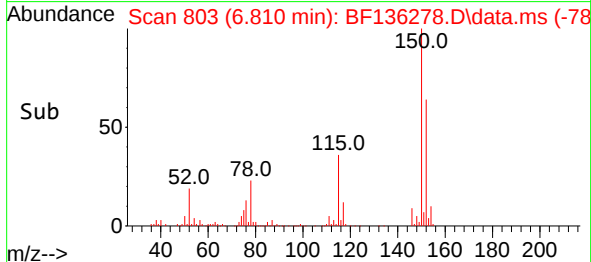
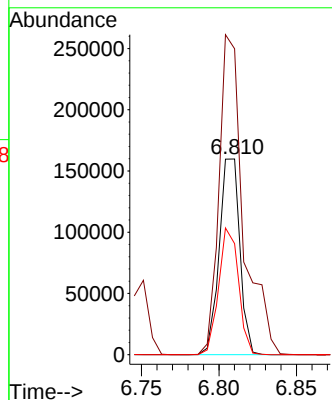
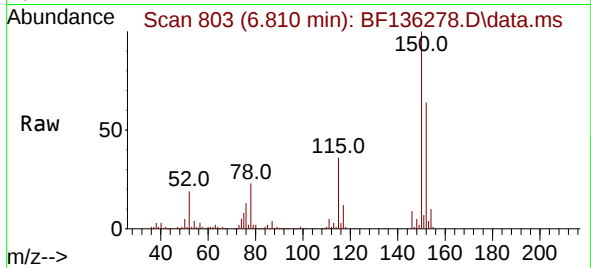




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136278.D
 Acq: 29 Nov 2023 12:18

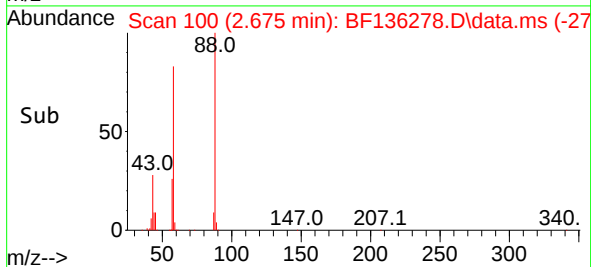
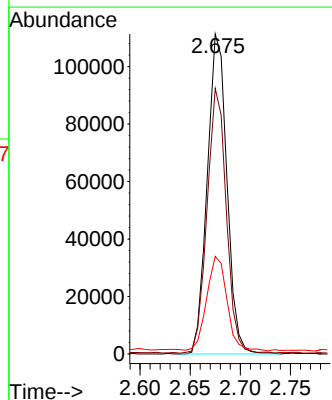
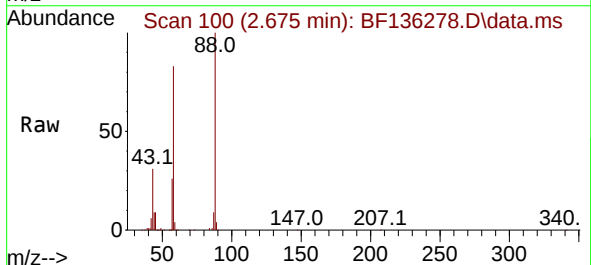
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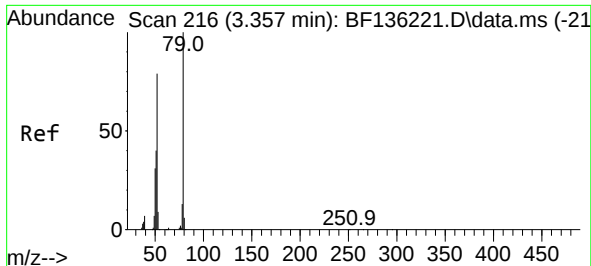
Tgt Ion:152 Resp: 147659
 Ion Ratio Lower Upper
 152 100
 150 156.4 137.8 206.8
 115 56.8 52.7 79.1



#2
 1,4-Dioxane
 Concen: 37.901 ng
 RT: 2.675 min Scan# 100
 Delta R.T. 0.077 min
 Lab File: BF136278.D
 Acq: 29 Nov 2023 12:18

Tgt Ion: 88 Resp: 152139
 Ion Ratio Lower Upper
 88 100
 58 80.5 65.9 98.9
 43 30.7 24.8 37.2

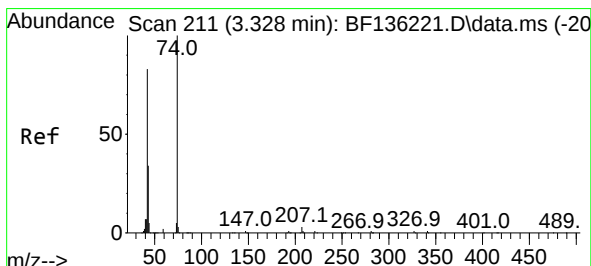
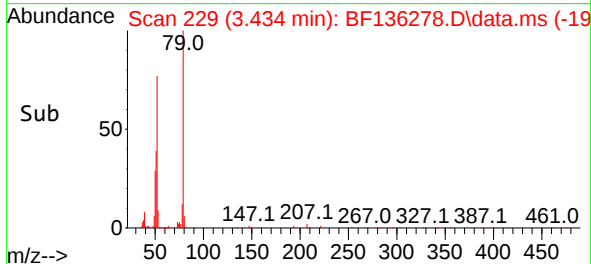
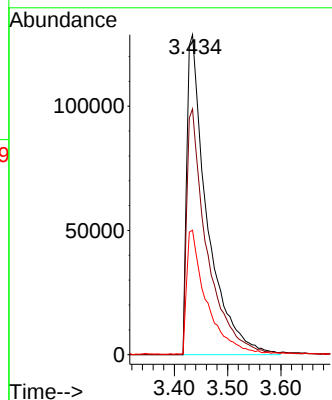
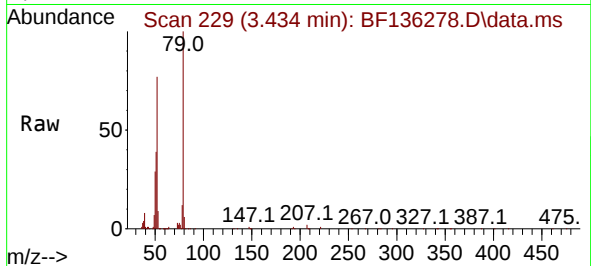




#3
Pyridine
Concen: 34.272 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

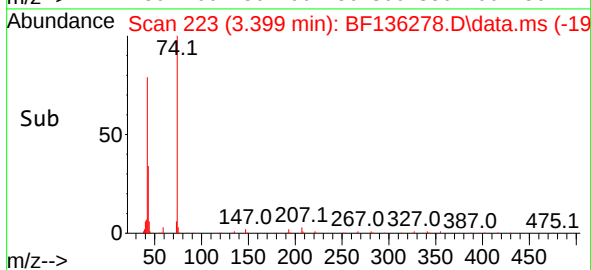
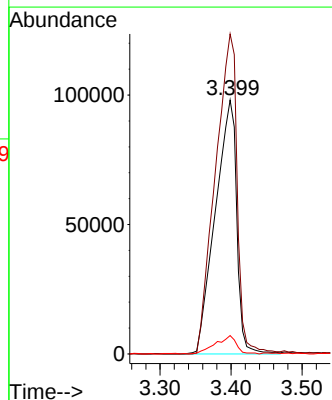
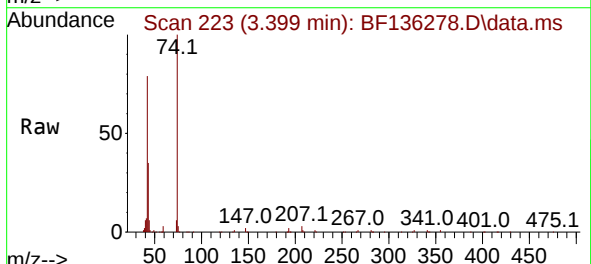
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BNA_F
ClientSampleId :
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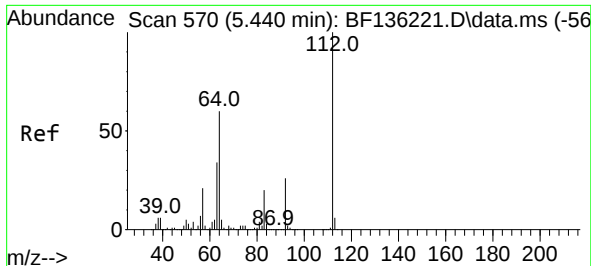
Tgt Ion: 79 Resp: 339594
Ion Ratio Lower Upper
79 100
52 76.8 63.2 94.8
51 38.9 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 40.971 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.071 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion: 42 Resp: 205215
Ion Ratio Lower Upper
42 100
74 126.1 96.6 144.8
44 7.2 5.4 8.2

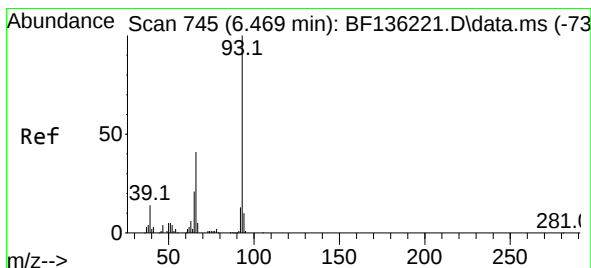
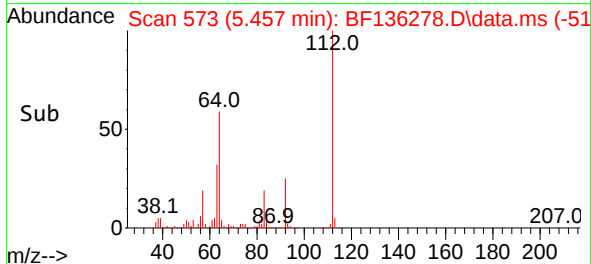
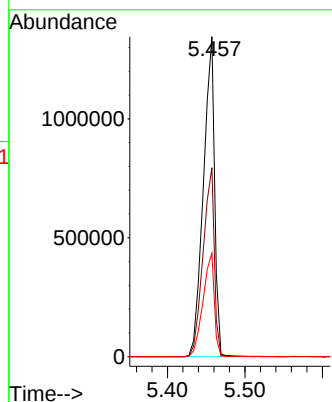
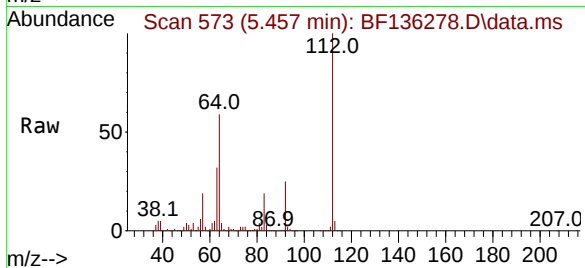




#5
2-Fluorophenol
Concen: 127.709 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

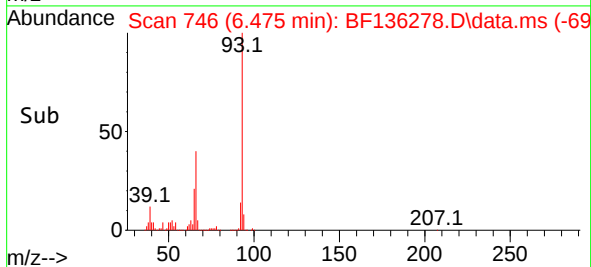
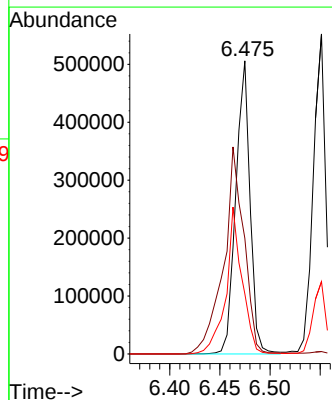
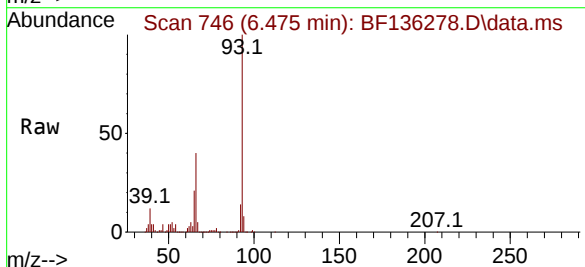
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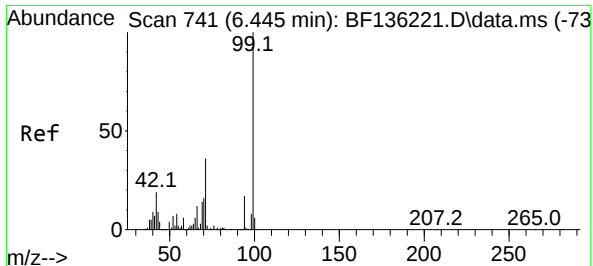
Tgt Ion:112 Resp: 1354845
Ion Ratio Lower Upper
112 100
64 59.1 48.2 72.4
63 32.3 27.0 40.6



#6
Aniline
Concen: 40.104 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion: 93 Resp: 502809
Ion Ratio Lower Upper
93 100
66 39.5 34.1 51.1
65 20.5 17.3 25.9

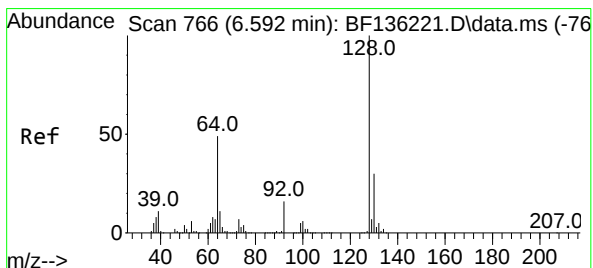
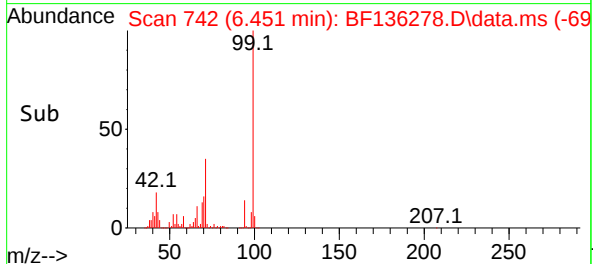
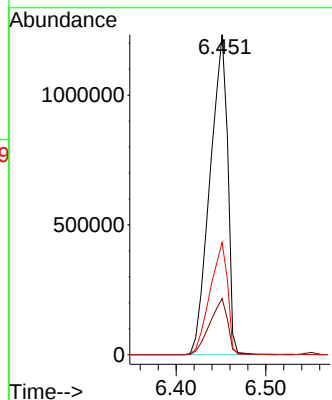
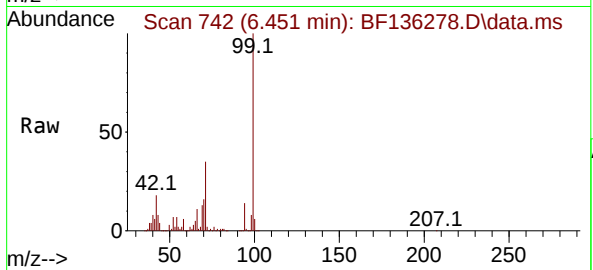




#7
Phenol-d6
Concen: 126.694 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

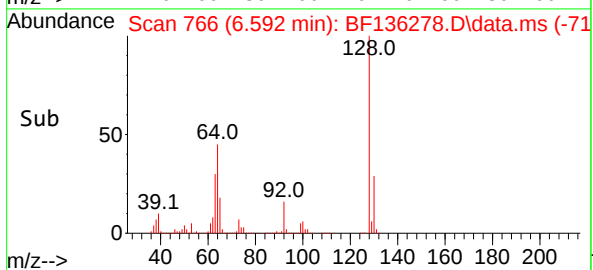
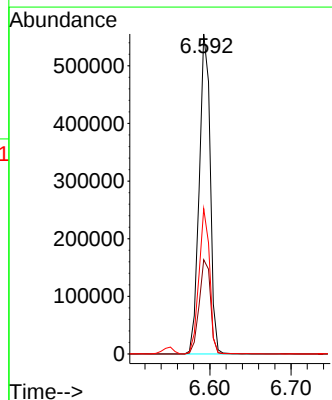
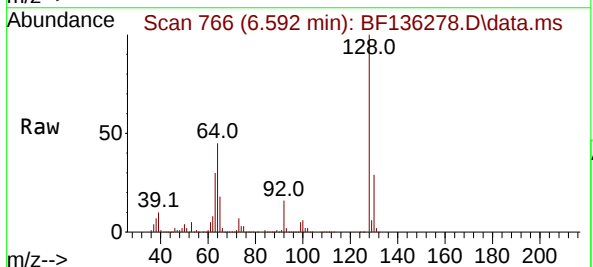
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Tgt Ion: 99 Resp: 1680582
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.6
71 35.1 28.9 43.3



#8
2-Chlorophenol
Concen: 45.302 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:128 Resp: 523301
Ion Ratio Lower Upper
128 100
130 29.5 10.3 50.3
64 45.4 30.0 70.0





#9

Benzaldehyde

Concen: 11.536 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

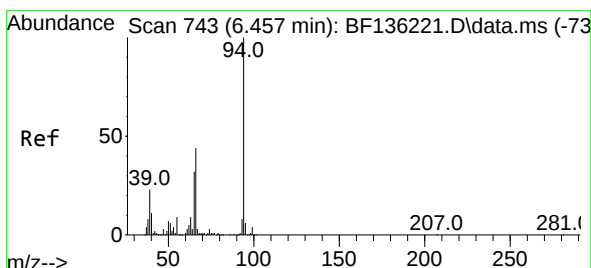
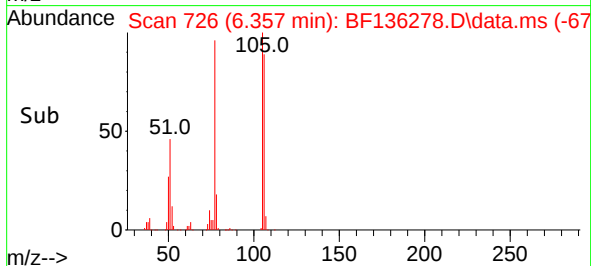
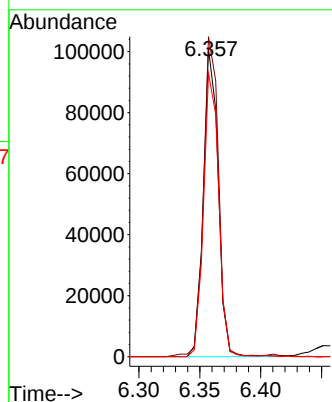
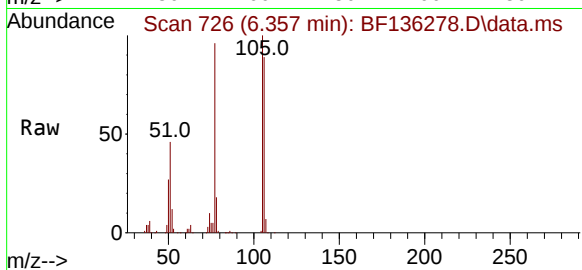
Tgt Ion: 77 Resp: 85289

Ion Ratio Lower Upper

77 100

105 104.0 84.3 124.3

106 92.0 71.0 111.0



#10

Phenol

Concen: 43.629 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136278.D

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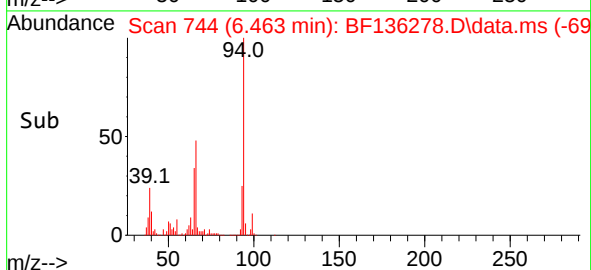
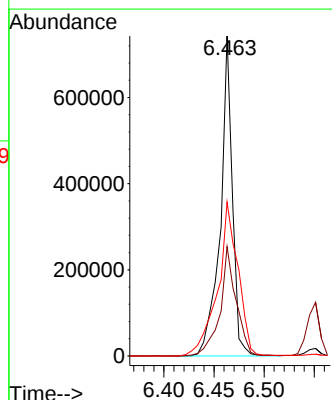
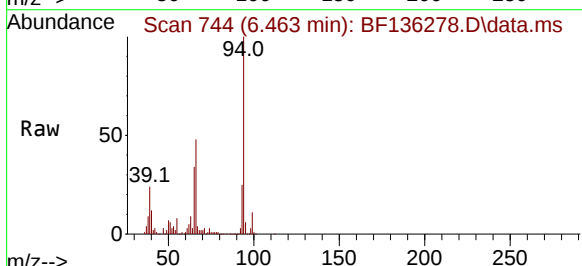
Tgt Ion: 94 Resp: 620881

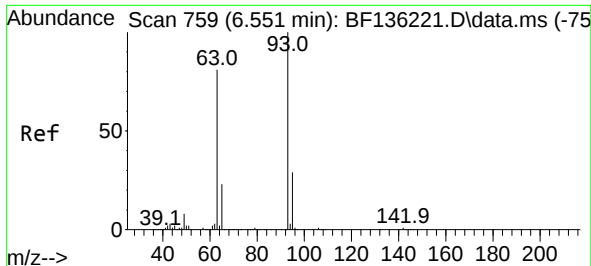
Ion Ratio Lower Upper

94 100

65 34.1 12.5 52.5

66 48.1 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 44.808 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

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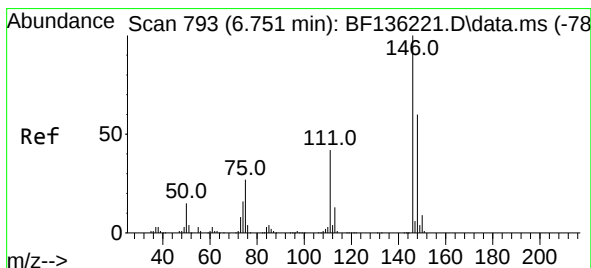
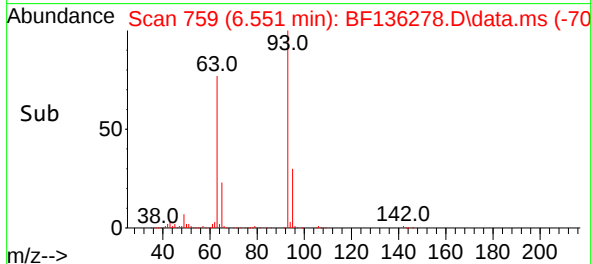
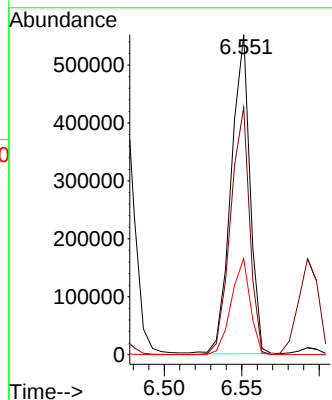
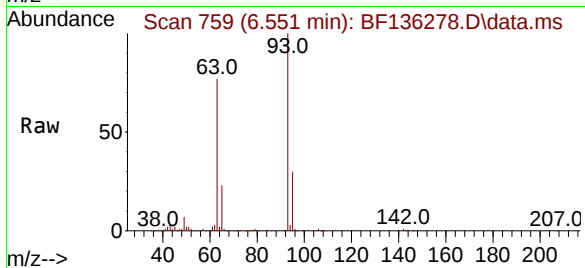
Tgt Ion: 93 Resp: 467796

Ion Ratio Lower Upper

93 100

63 77.3 60.2 100.2

95 30.1 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 42.222 ng

RT: 6.751 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

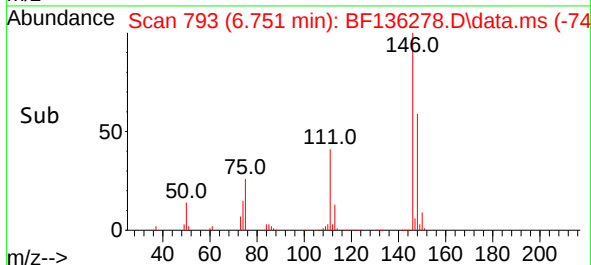
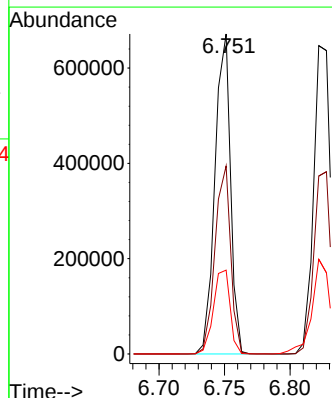
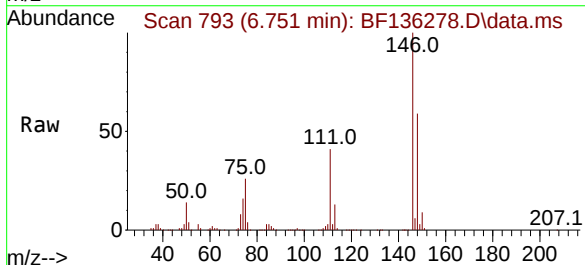
Tgt Ion:146 Resp: 553491

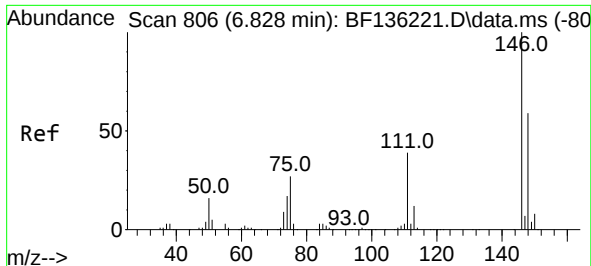
Ion Ratio Lower Upper

146 100

148 58.7 47.8 71.6

75 26.2 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 42.795 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

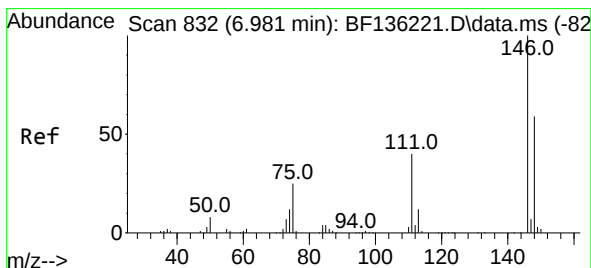
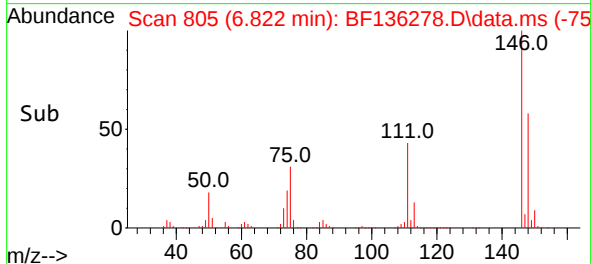
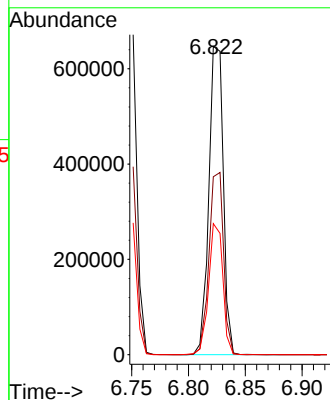
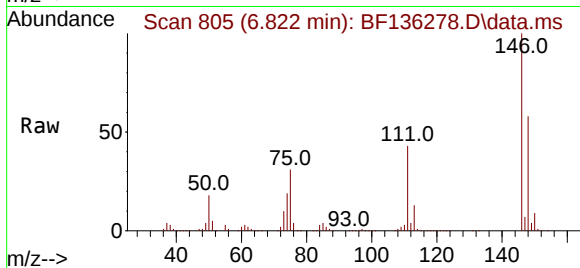
Tgt Ion:146 Resp: 570301

Ion Ratio Lower Upper

146 100

148 57.7 47.0 70.6

111 42.5 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 42.067 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

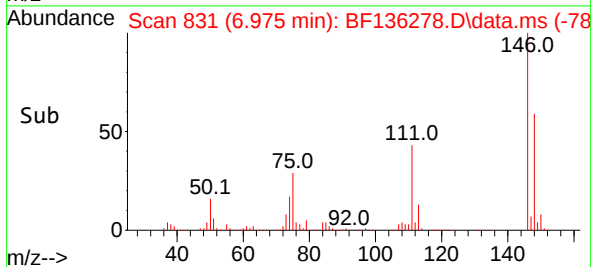
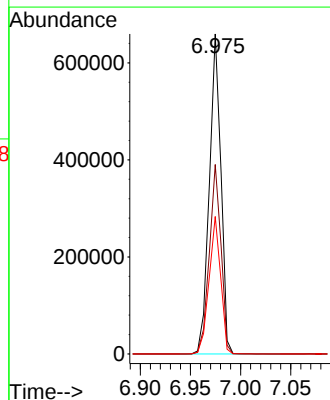
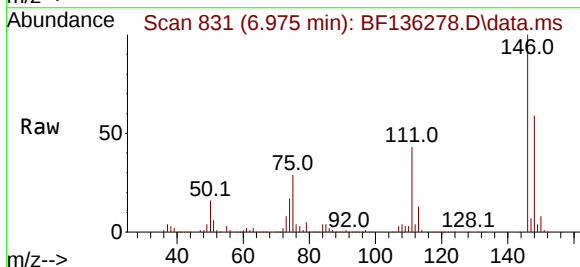
Tgt Ion:146 Resp: 530723

Ion Ratio Lower Upper

146 100

148 59.2 47.3 70.9

111 43.0 32.4 48.6

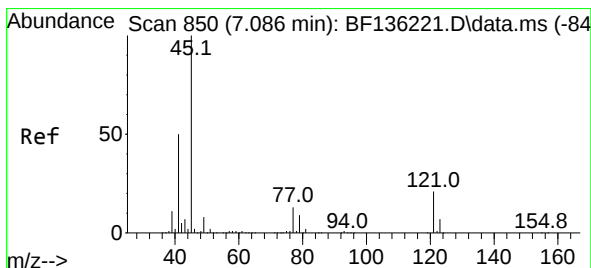
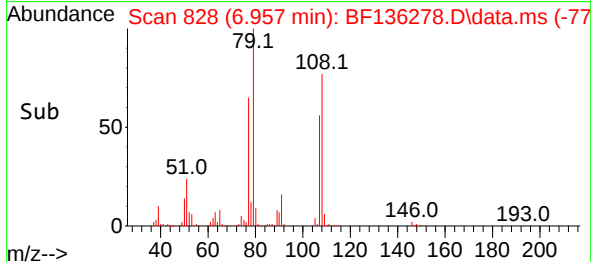
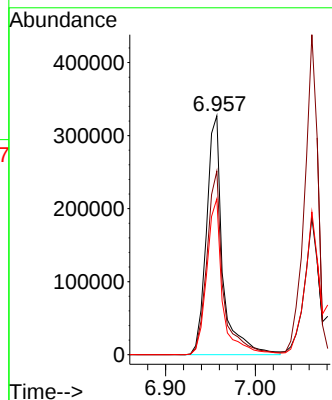
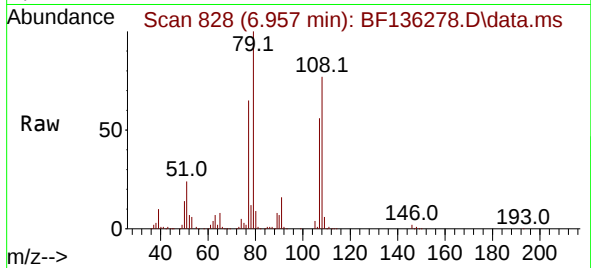




#15
Benzyl Alcohol
Concen: 44.169 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

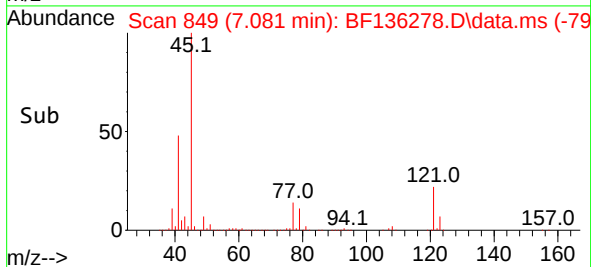
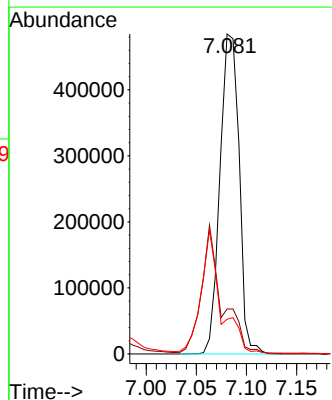
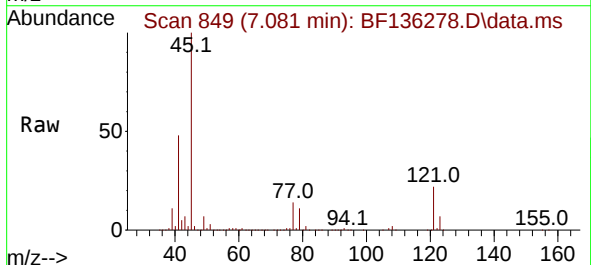
Instrument :
BNA_F
ClientSampleId :
PB157393BS

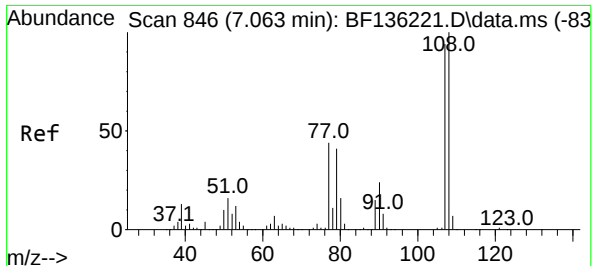
Tgt Ion: 79 Resp: 410789
Ion Ratio Lower Upper
79 100
108 76.9 58.1 87.1
77 65.2 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.320 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion: 45 Resp: 642703
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.0
79 10.9 0.0 30.1

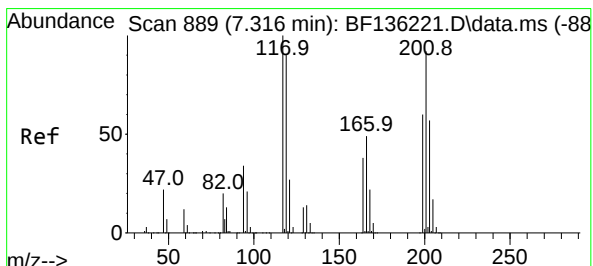
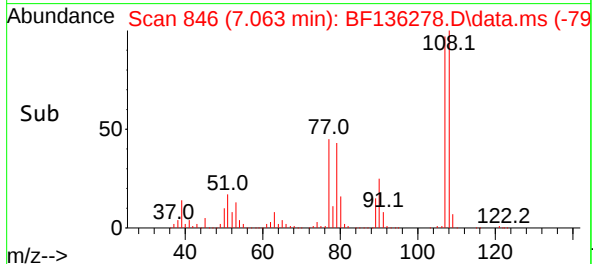
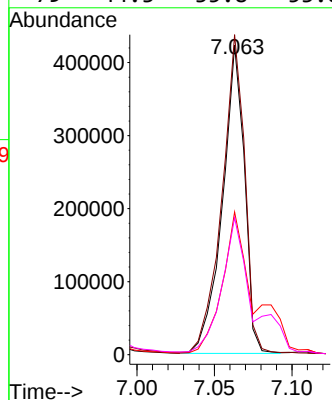
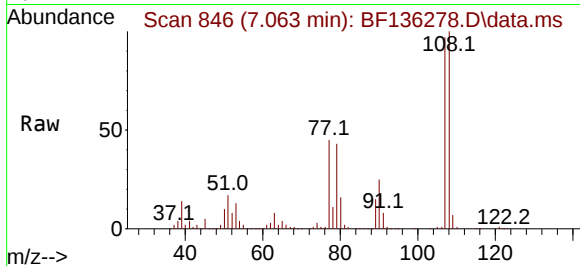




#17
2-Methylphenol
Concen: 45.865 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

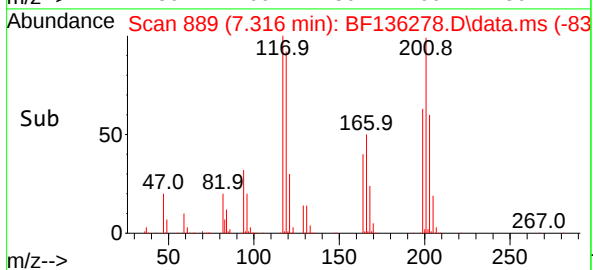
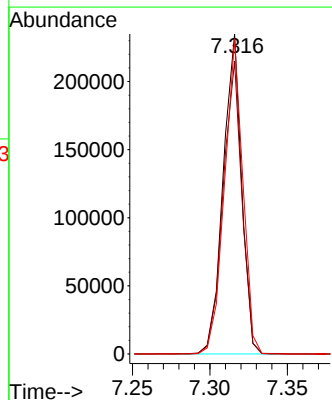
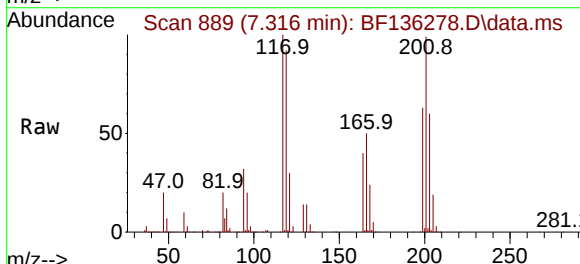
Instrument :
BNA_F
ClientSampleId :
PB157393BS

Tgt Ion:107 Resp: 416514
Ion Ratio Lower Upper
107 100
108 103.4 85.4 128.0
77 46.1 37.4 56.2
79 44.3 35.8 53.8



#18
Hexachloroethane
Concen: 41.592 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:117 Resp: 194417
Ion Ratio Lower Upper
117 100
119 91.5 71.6 107.4
201 98.5 73.4 110.2

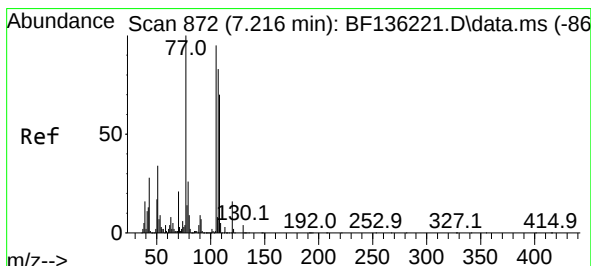
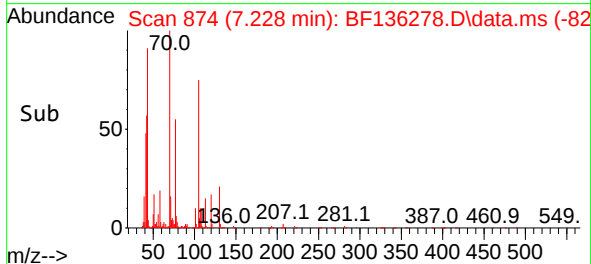
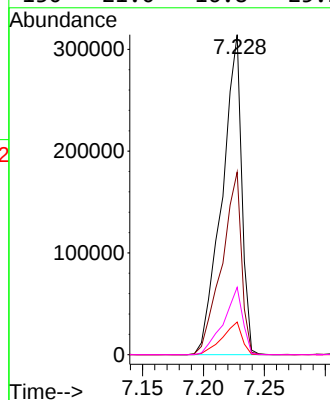
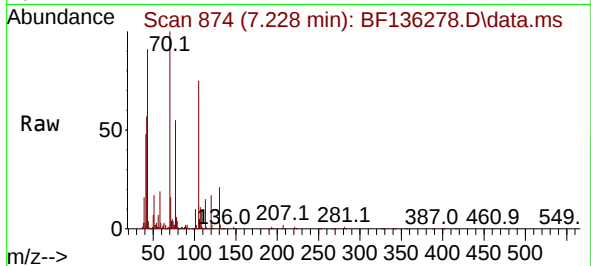




#19
n-Nitroso-di-n-propylamine
Concen: 44.674 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

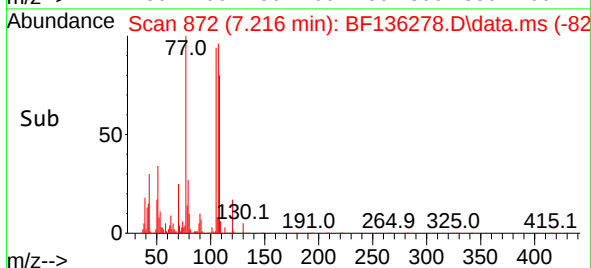
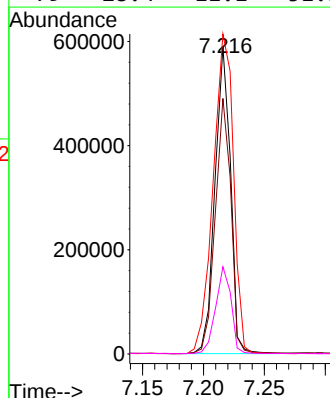
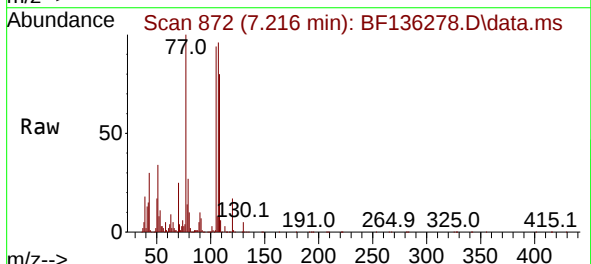
Instrument :
BNA_F
ClientSampleId :
PB157393BS

Tgt Ion: 70 Resp: 354428
Ion Ratio Lower Upper
70 100
42 57.1 47.0 70.4
101 10.2 7.8 11.8
130 21.0 16.8 25.2



#20
3+4-Methylphenols
Concen: 44.247 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion: 107 Resp: 522232
Ion Ratio Lower Upper
107 100
108 83.2 63.9 103.9
77 104.2 100.2 140.2
79 28.4 11.1 51.1



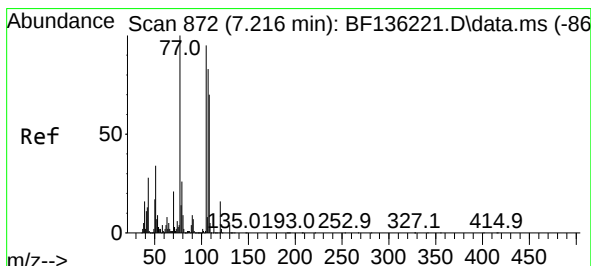
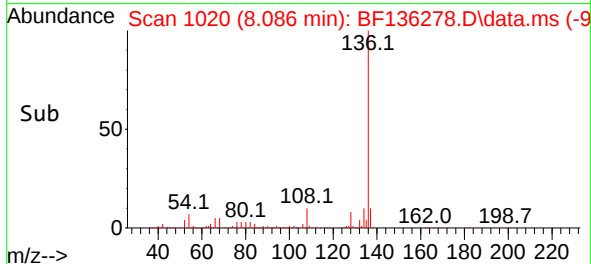
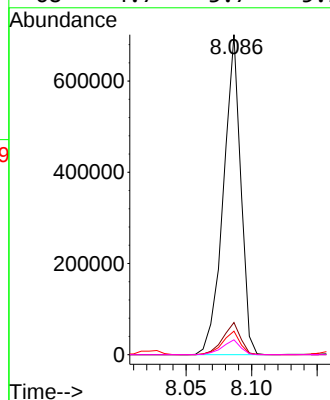
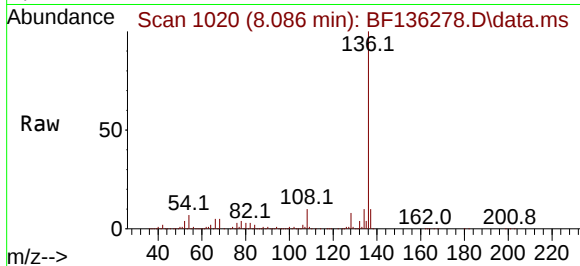


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Instrument :
BNA_F
ClientSampleId :
PB157393BS

Tgt Ion:136 Resp: 642167

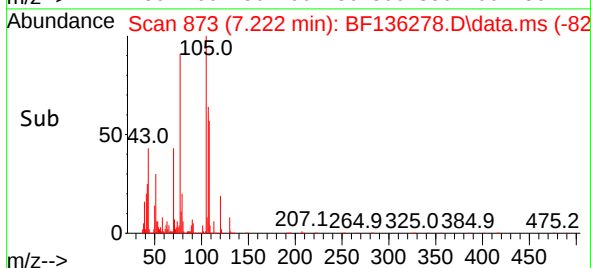
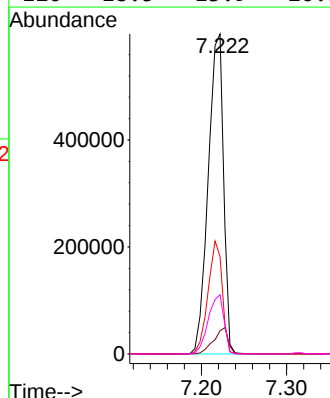
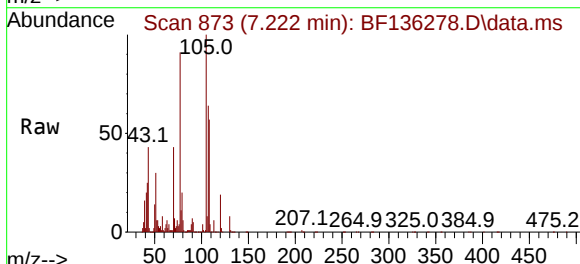
Ion	Ratio	Lower	Upper
136	100		
137	10.0	7.4	11.2
54	7.4	5.5	8.3
68	4.7	3.7	5.5

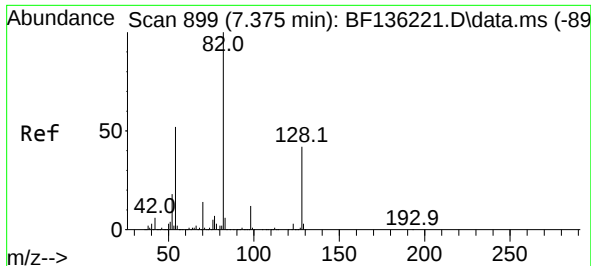


#22
Acetophenone
Concen: 44.406 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:105 Resp: 748918

Ion	Ratio	Lower	Upper
105	100		
71	7.3	2.8	4.2
51	30.5	29.0	43.6
120	18.5	13.9	20.9





#23

Nitrobenzene-d5

Concen: 84.750 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

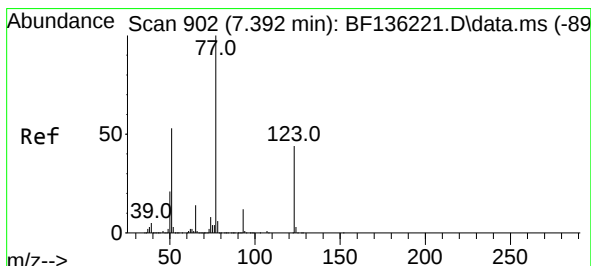
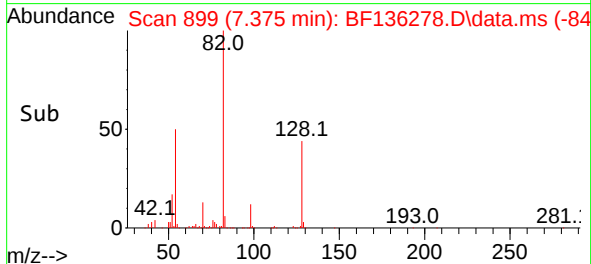
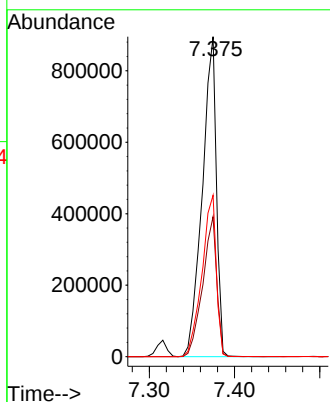
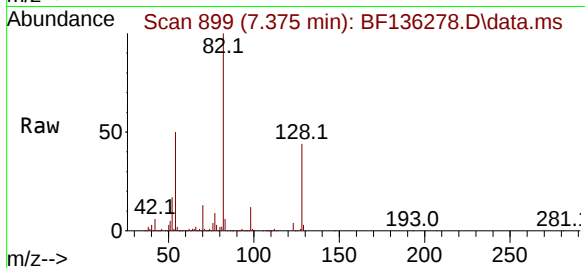
BNA_F

ClientSampleId :

PB157393BS

Tgt Ion: 82 Resp: 1029903

Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.4	50.2
54	50.4	41.7	62.5



#24

Nitrobenzene

Concen: 42.287 ng

RT: 7.392 min Scan# 902

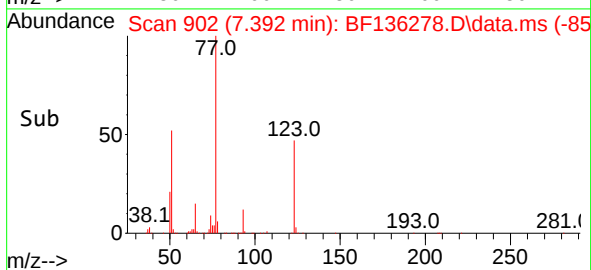
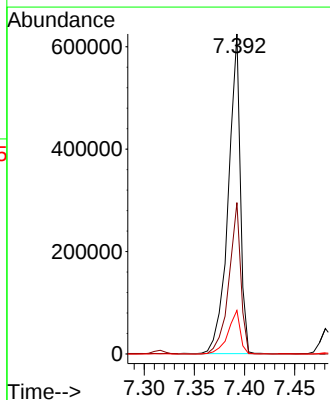
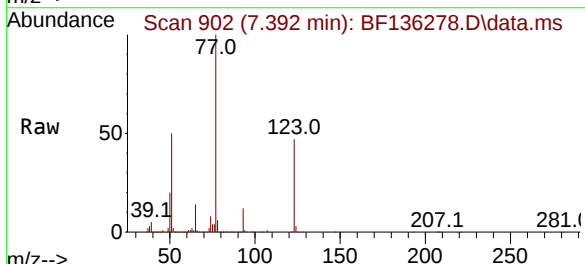
Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Tgt Ion: 77 Resp: 520765

Ion	Ratio	Lower	Upper
77	100		
123	47.3	35.4	53.2
65	13.6	11.0	16.6

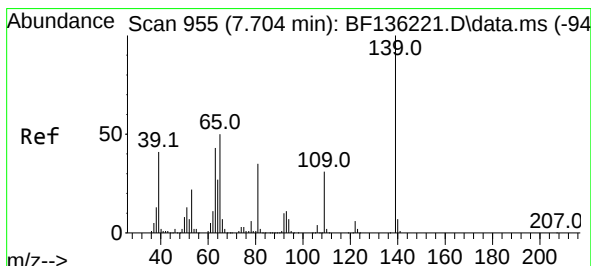
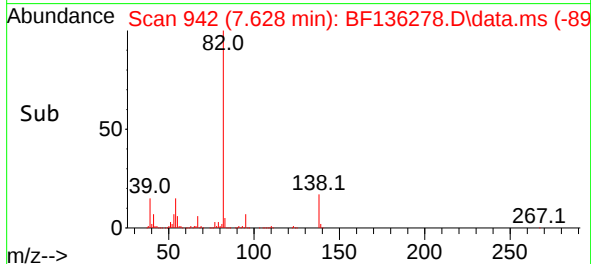
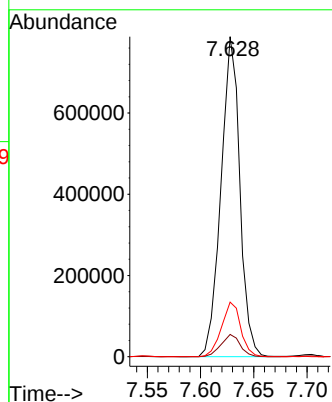
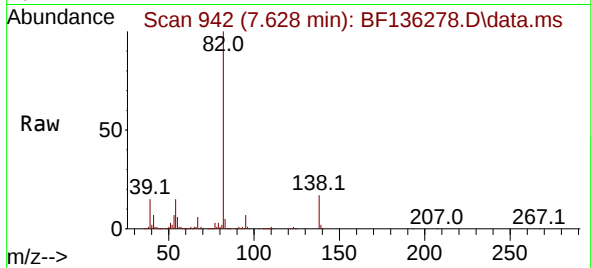




#25
Isophorone
Concen: 44.152 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

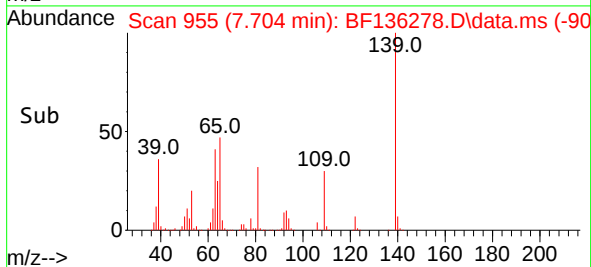
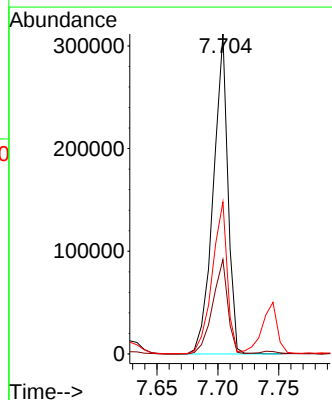
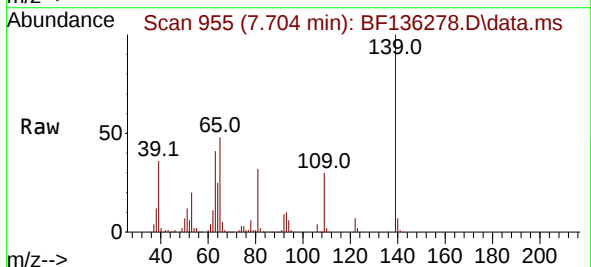
Instrument :
BNA_F
ClientSampleId :
PB157393BS

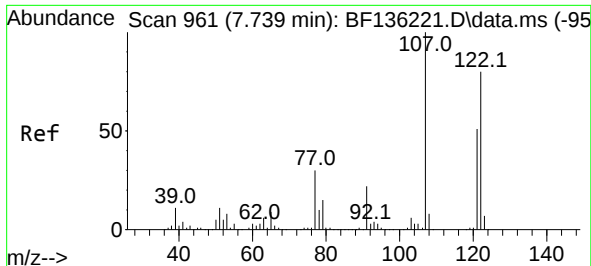
Tgt Ion: 82 Resp: 967470
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.1 12.8 19.2



#26
2-Nitrophenol
Concen: 49.685 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion: 139 Resp: 260702
Ion Ratio Lower Upper
139 100
109 29.5 25.0 37.6
65 47.5 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 63.495 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

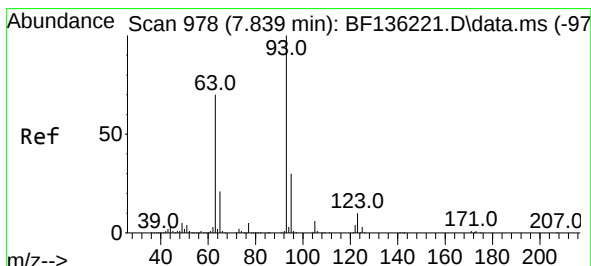
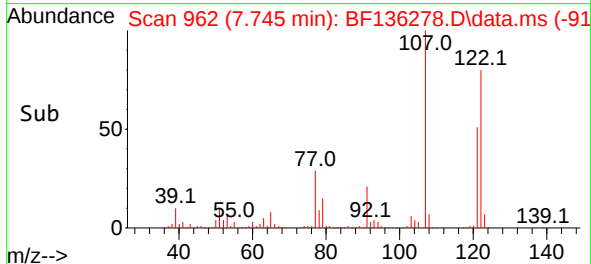
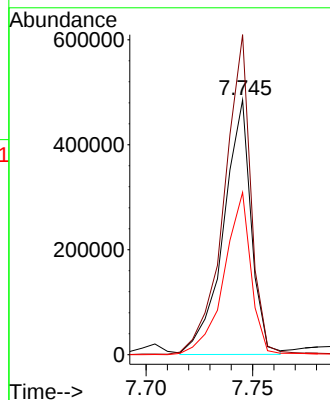
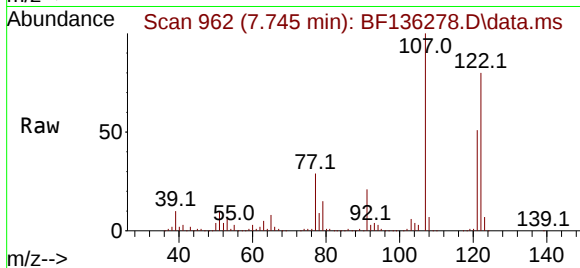
Tgt Ion:122 Resp: 438516

Ion Ratio Lower Upper

122 100

107 125.6 100.0 150.0

121 63.7 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.530 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

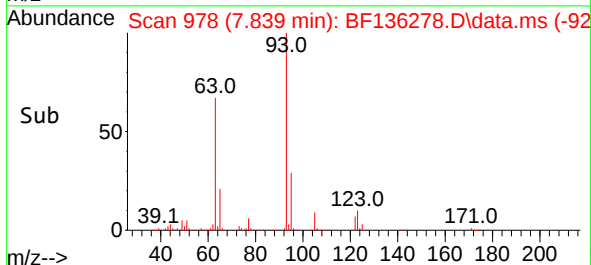
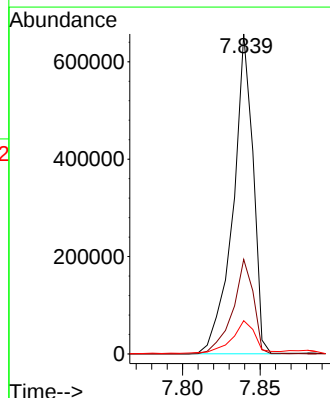
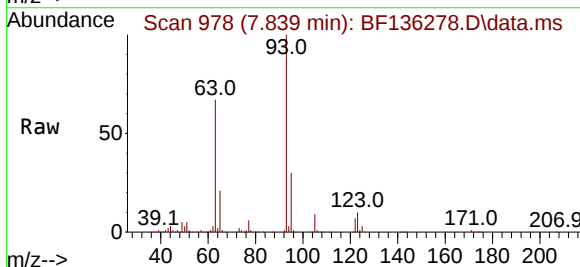
Tgt Ion: 93 Resp: 590213

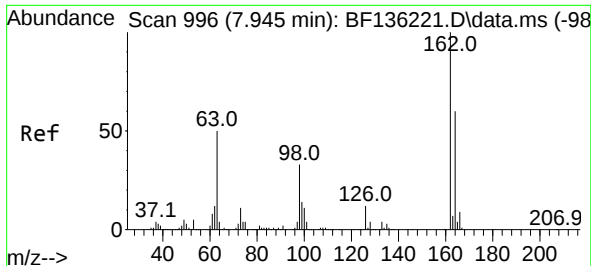
Ion Ratio Lower Upper

93 100

95 29.6 23.8 35.6

123 10.4 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 46.568 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

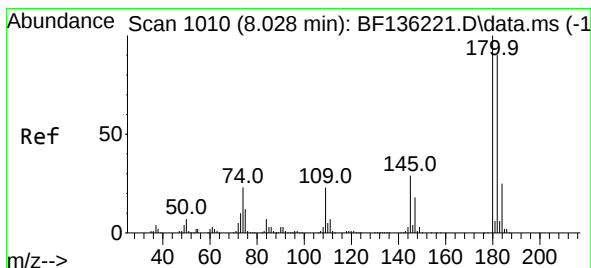
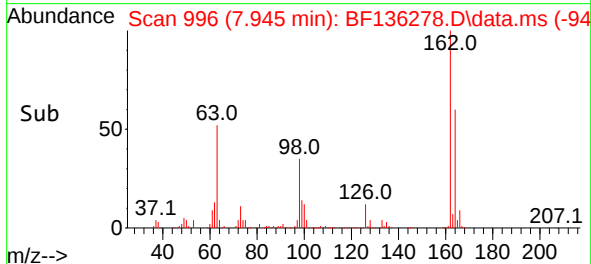
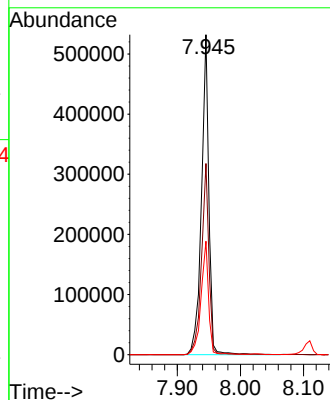
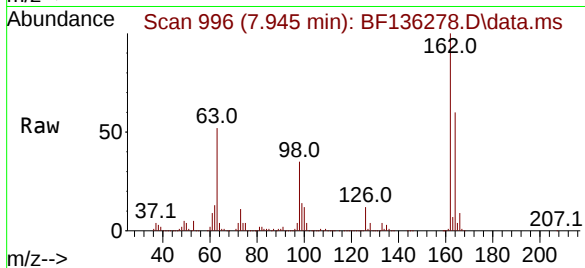
Tgt Ion:162 Resp: 433795

Ion Ratio Lower Upper

162 100

164 59.7 40.3 80.3

98 35.4 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 42.841 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

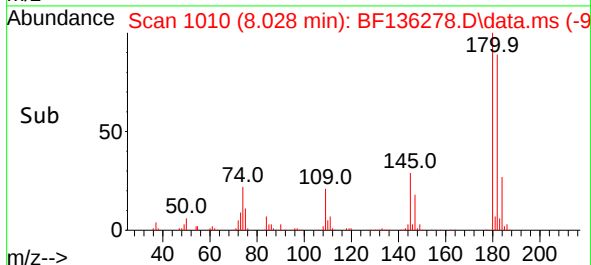
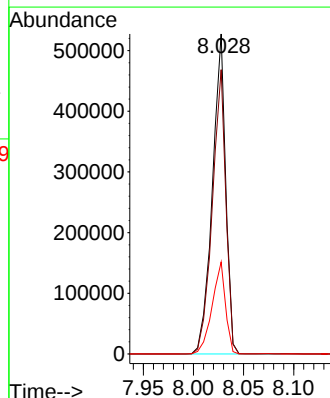
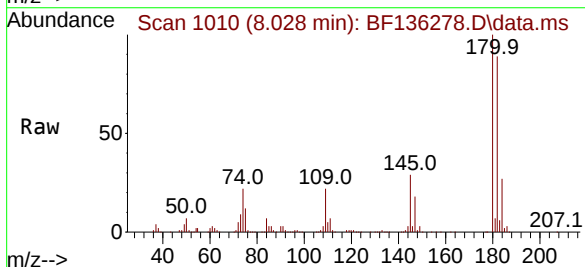
Tgt Ion:180 Resp: 488603

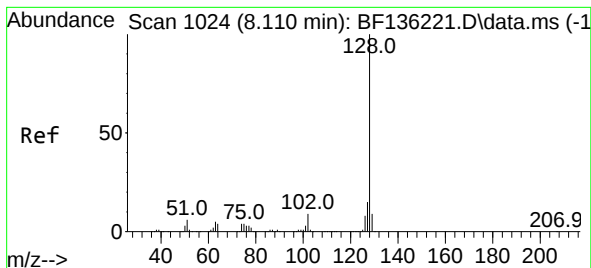
Ion Ratio Lower Upper

180 100

182 88.8 71.6 107.4

145 28.7 23.0 34.4





#31

Naphthalene

Concen: 43.634 ng

RT: 8.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

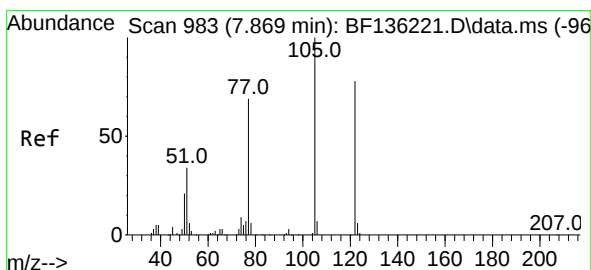
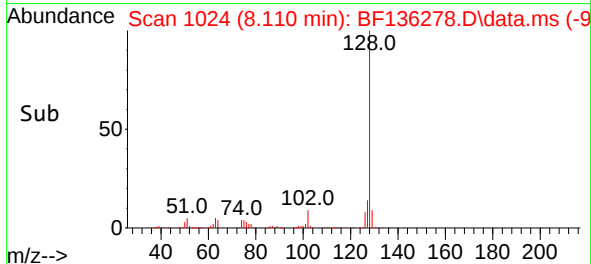
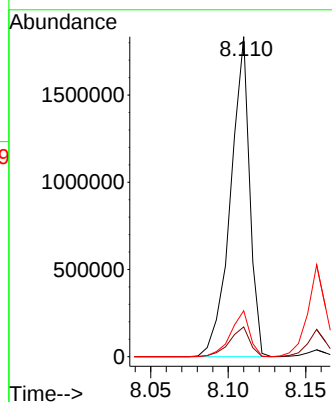
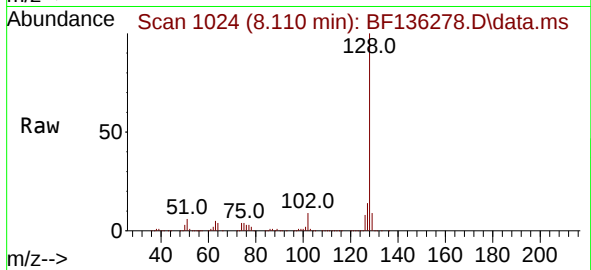
Tgt Ion:128 Resp: 1574947

Ion Ratio Lower Upper

128 100

129 9.3 7.3 10.9

127 14.3 11.8 17.6



#32

Benzoic acid

Concen: 50.266 ng

RT: 7.881 min Scan# 985

Delta R.T. 0.012 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

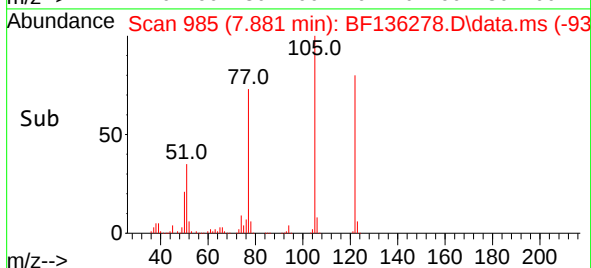
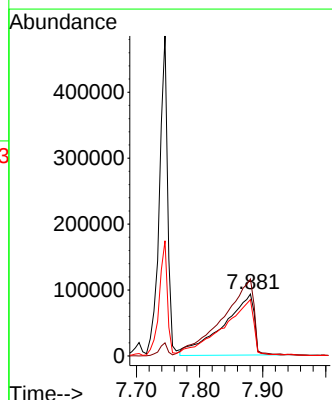
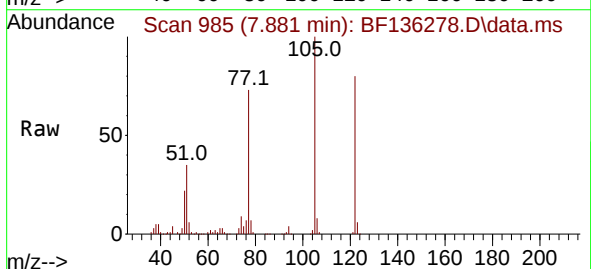
Tgt Ion:122 Resp: 316384

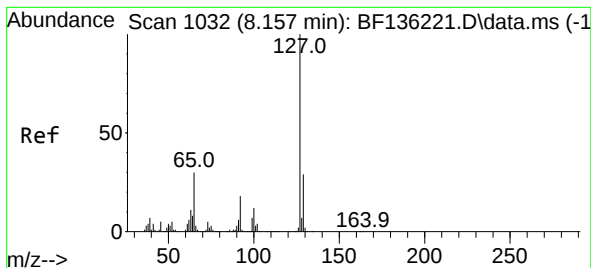
Ion Ratio Lower Upper

122 100

105 124.4 103.7 143.7

77 91.0 66.8 106.8





#33

4-Chloroaniline

Concen: 35.063 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

Tgt Ion:127 Resp: 430192

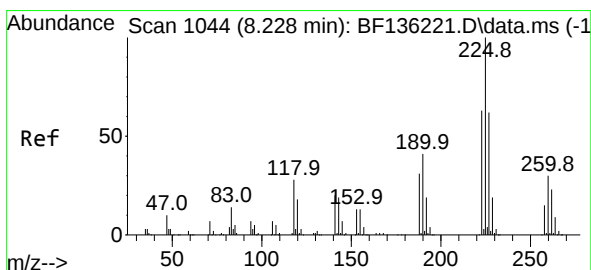
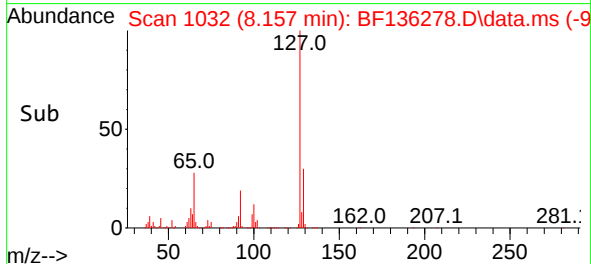
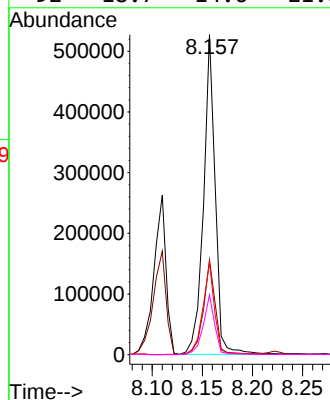
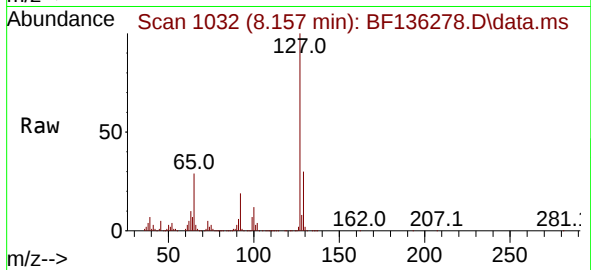
Ion Ratio Lower Upper

127 100

129 29.7 23.4 35.2

65 28.8 23.8 35.6

92 18.7 14.6 21.8



#34

Hexachlorobutadiene

Concen: 40.715 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

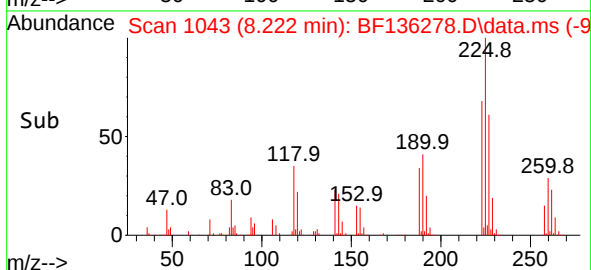
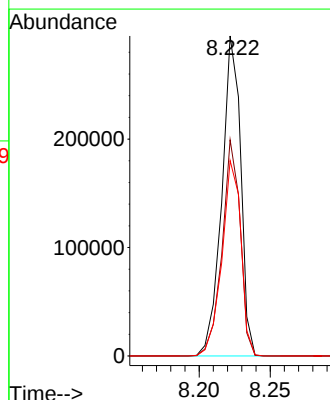
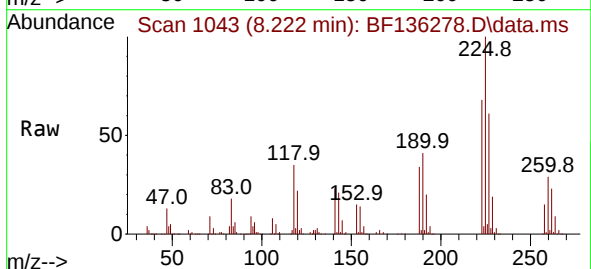
Tgt Ion:225 Resp: 271669

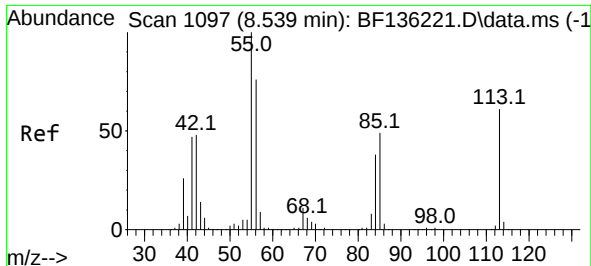
Ion Ratio Lower Upper

225 100

223 67.5 50.6 75.8

227 61.0 49.6 74.4

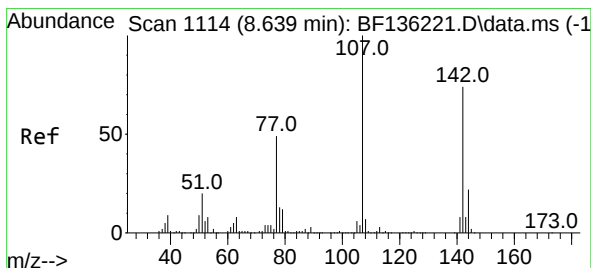
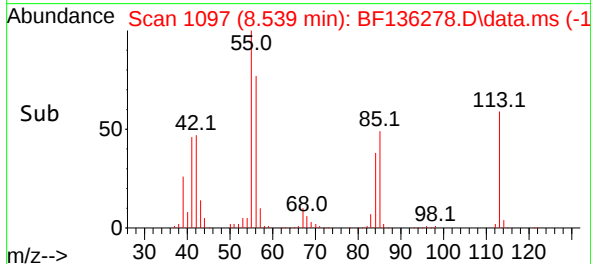
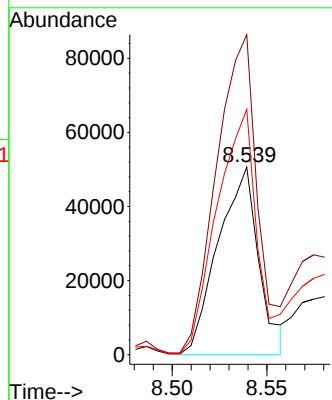
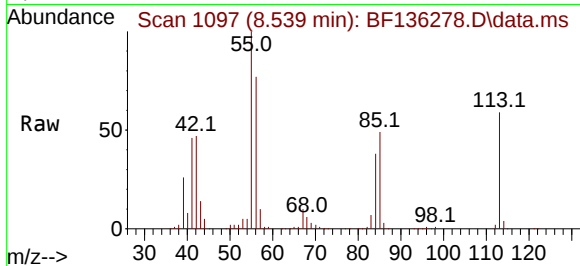




#35
 Caprolactam
 Concen: 28.973 ng
 RT: 8.539 min Scan# 1097
 Delta R.T. 0.000 min
 Lab File: BF136278.D
 Acq: 29 Nov 2023 12:18

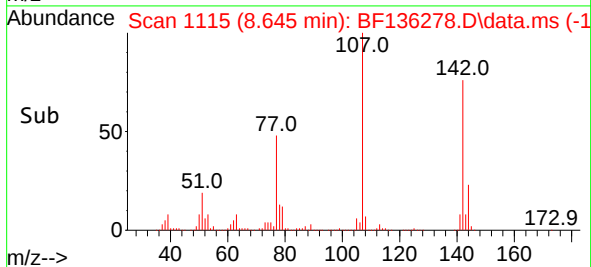
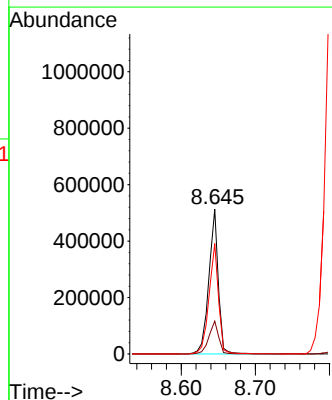
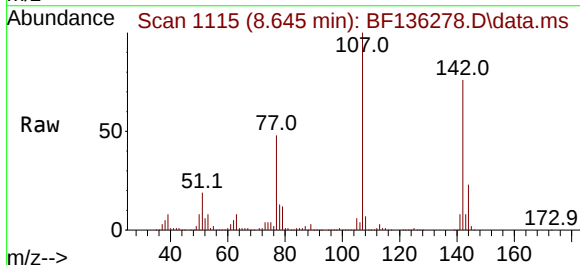
Instrument :
 BNA_F
 ClientSampleId :
 PB157393BS

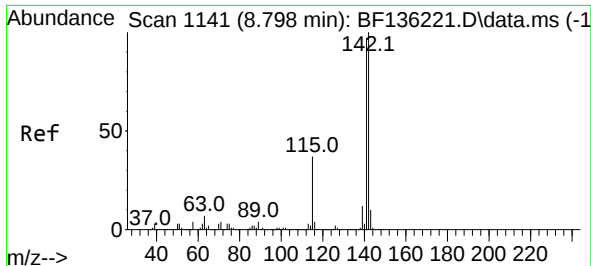
Tgt Ion:113 Resp: 75449
 Ion Ratio Lower Upper
 113 100
 55 170.4 143.1 183.1
 56 130.7 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.358 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136278.D
 Acq: 29 Nov 2023 12:18

Tgt Ion:107 Resp: 458263
 Ion Ratio Lower Upper
 107 100
 144 22.7 17.8 26.8
 142 76.2 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.756 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

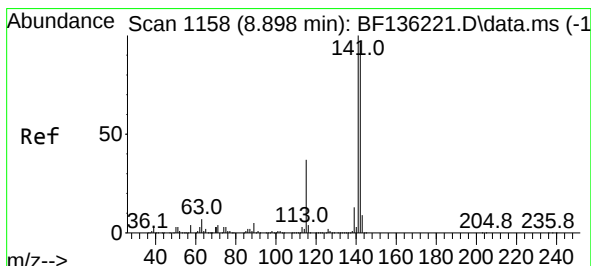
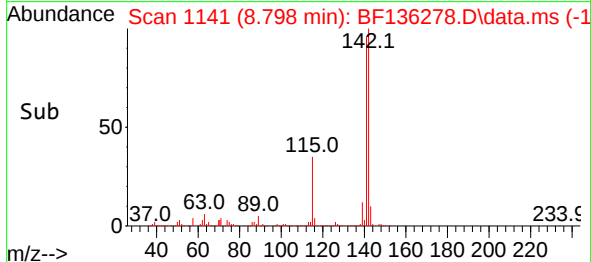
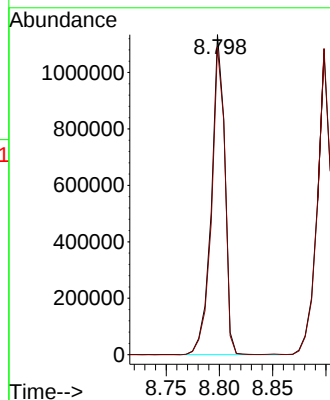
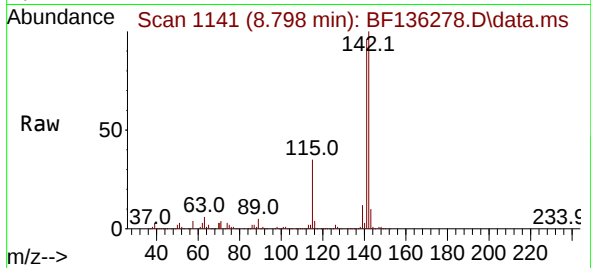
PB157393BS

Tgt Ion:142 Resp: 990731

Ion Ratio Lower Upper

142 100

141 96.2 77.8 116.8



#38

1-Methylnaphthalene

Concen: 41.662 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136278.D

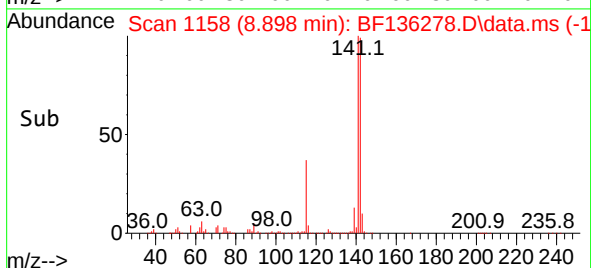
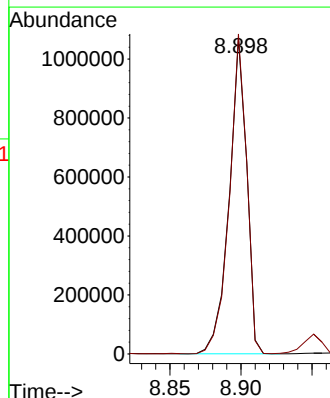
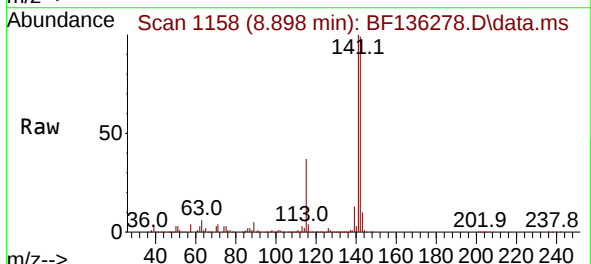
Acq: 29 Nov 2023 12:18

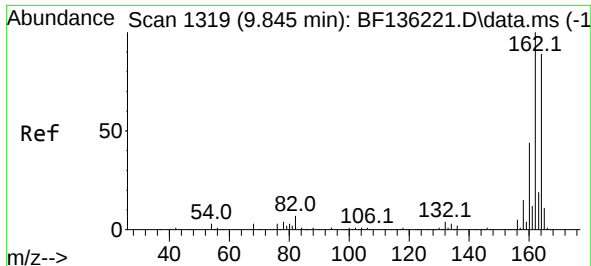
Tgt Ion:142 Resp: 920208

Ion Ratio Lower Upper

142 100

141 101.5 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

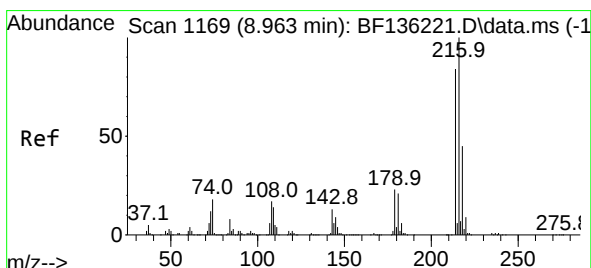
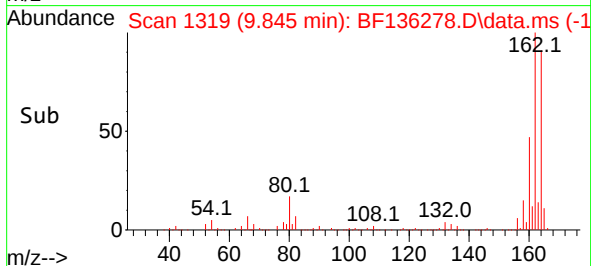
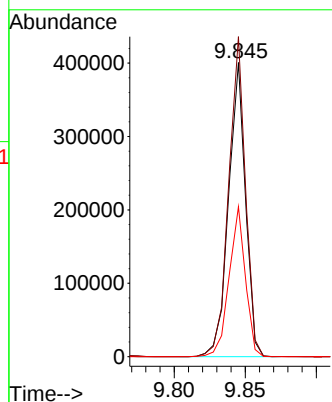
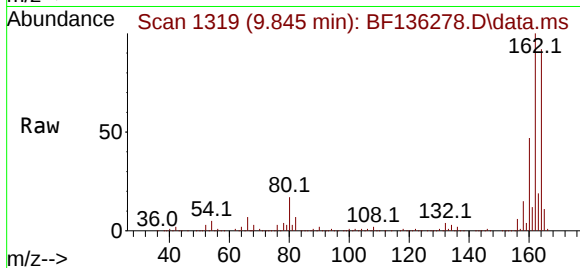
Tgt Ion:164 Resp: 331693

Ion Ratio Lower Upper

164 100

162 108.8 89.5 134.3

160 51.0 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.422 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Tgt Ion:216 Resp: 468931

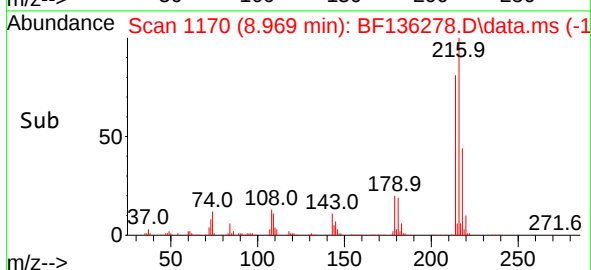
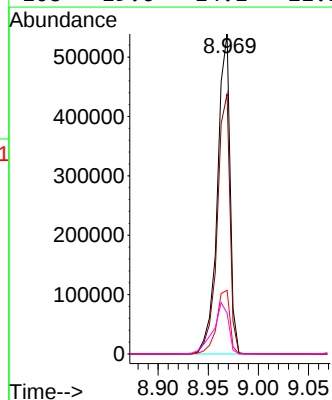
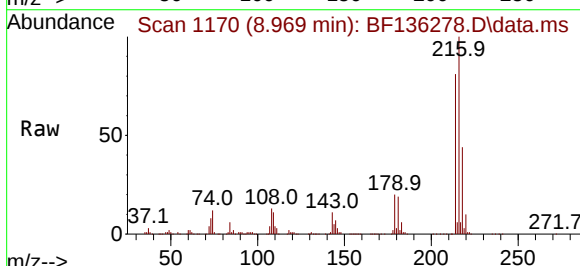
Ion Ratio Lower Upper

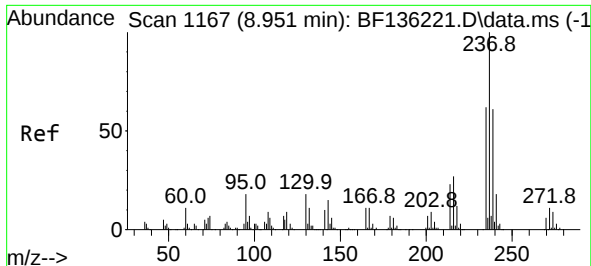
216 100

214 82.0 65.8 98.8

179 21.1 17.4 26.0

108 19.6 14.1 21.1

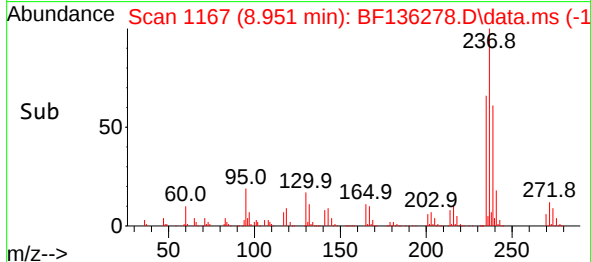
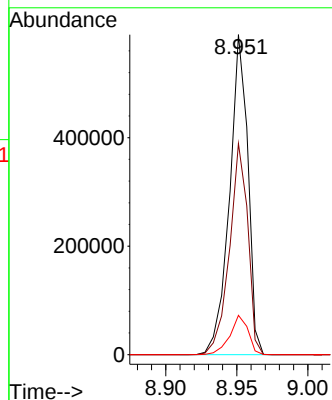
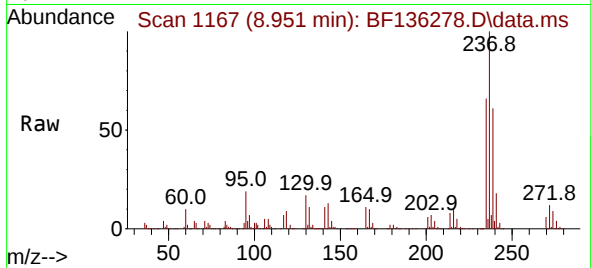




#41
Hexachlorocyclopentadiene
Concen: 130.764 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

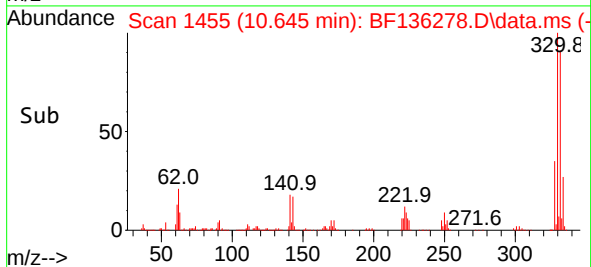
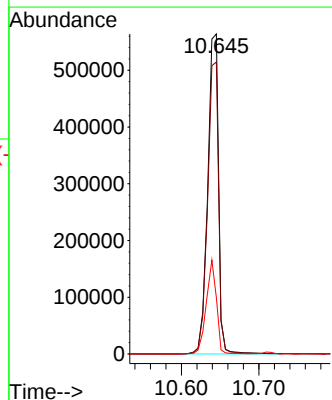
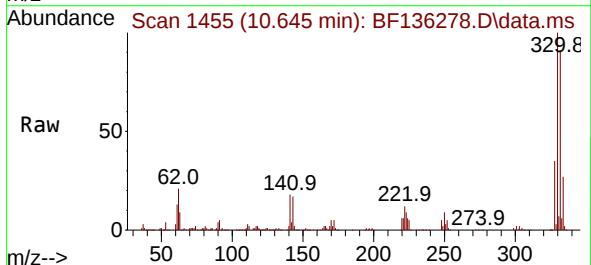
Instrument :
BNA_F
ClientSampleId :
PB157393BS

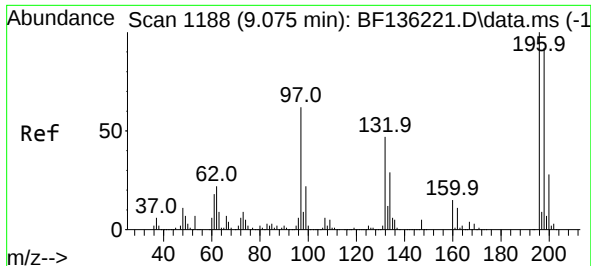
Tgt Ion:237 Resp: 531144
Ion Ratio Lower Upper
237 100
235 66.0 42.1 82.1
272 12.3 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 135.576 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:330 Resp: 549791
Ion Ratio Lower Upper
330 100
332 92.4 73.0 109.6
141 27.6 24.2 36.2

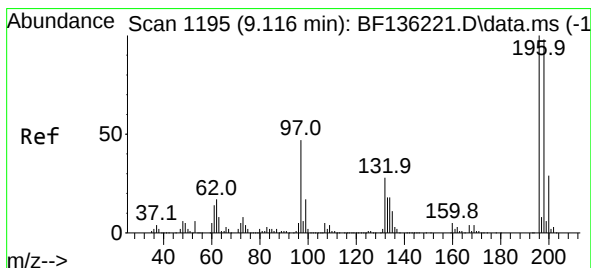
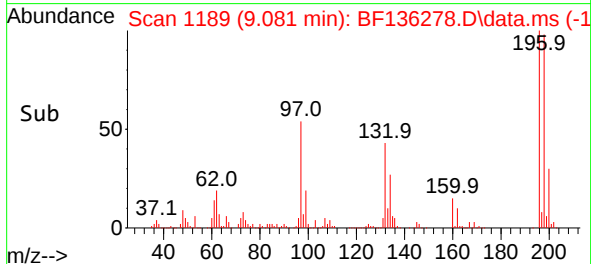
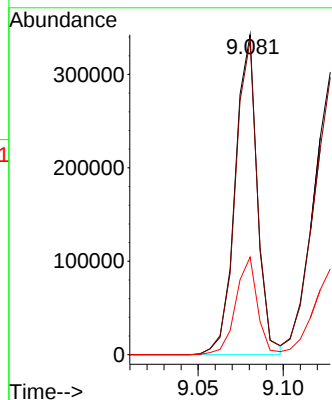
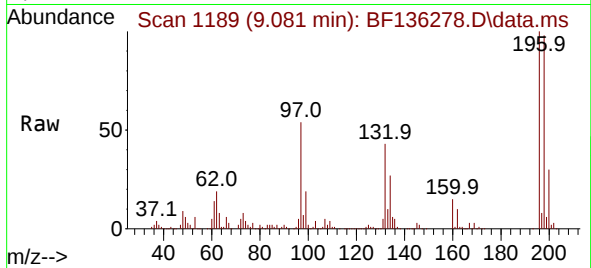




#43
2,4,6-Trichlorophenol
Concen: 45.102 ng
RT: 9.081 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

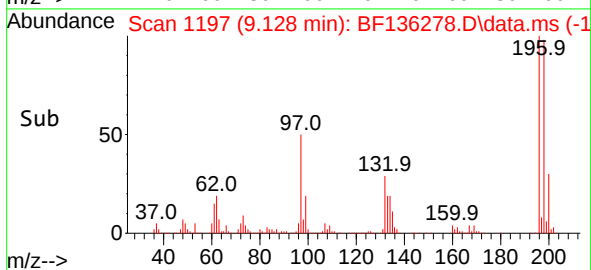
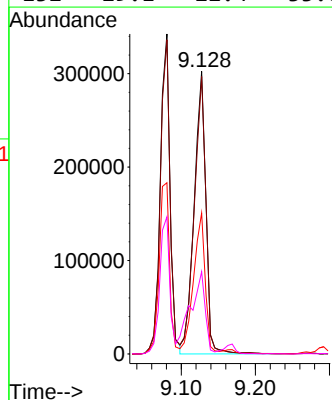
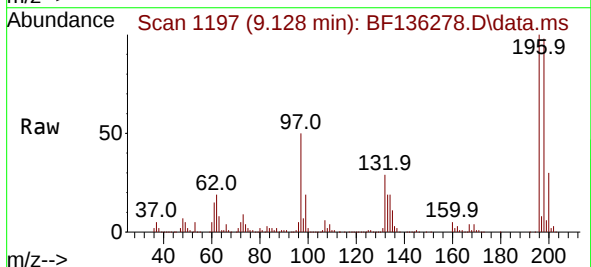
Instrument :
BNA_F
ClientSampleId :
PB157393BS

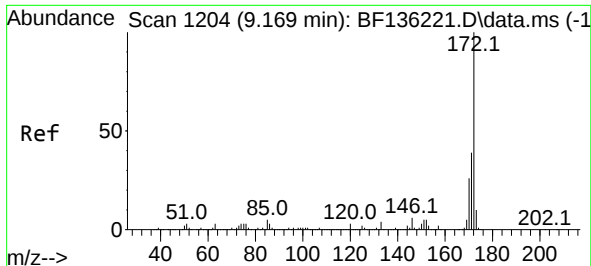
Tgt Ion:196 Resp: 309023
Ion Ratio Lower Upper
196 100
198 98.2 73.2 109.8
200 30.5 22.4 33.6



#44
2,4,5-Trichlorophenol
Concen: 44.456 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:196 Resp: 332407
Ion Ratio Lower Upper
196 100
198 98.2 78.8 118.2
97 49.9 37.8 56.8
132 29.1 22.4 33.6

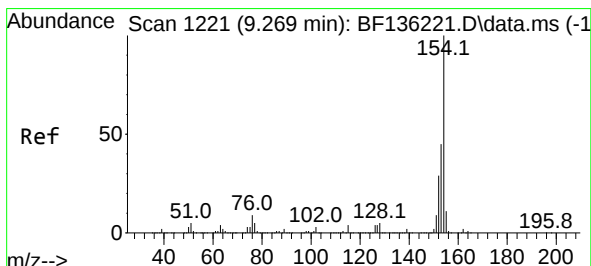
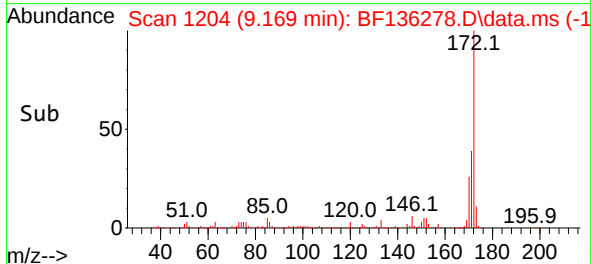
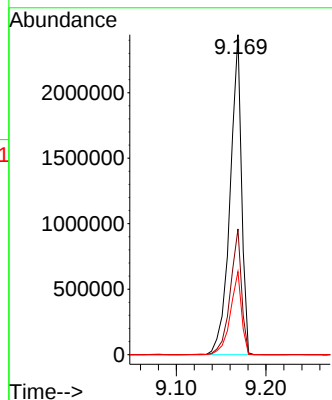
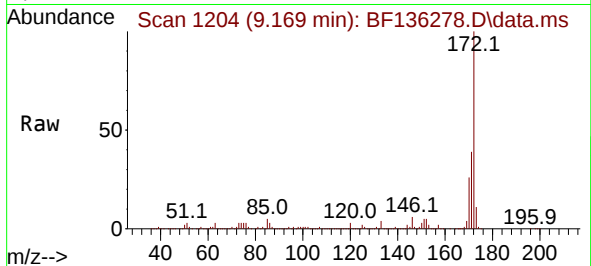




#45
2-Fluorobiphenyl
Concen: 83.479 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

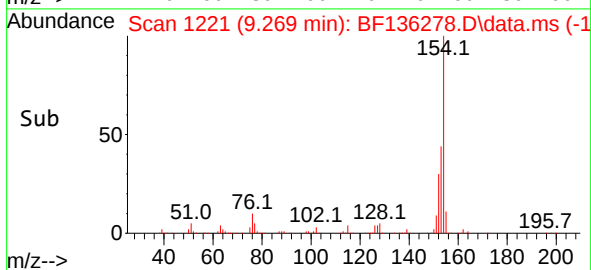
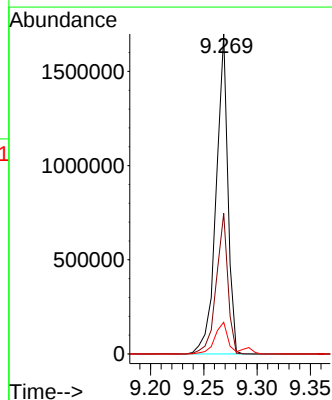
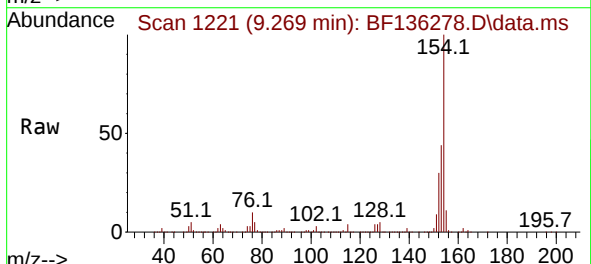
Instrument :
BNA_F
ClientSampleId :
PB157393BS

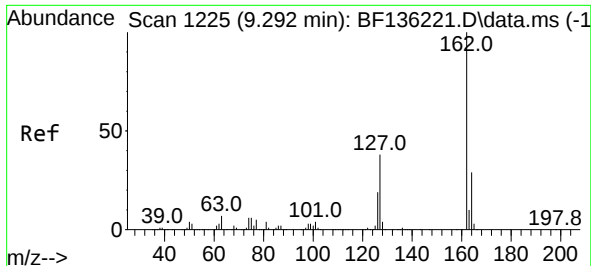
Tgt Ion:172 Resp: 2167801
Ion Ratio Lower Upper
172 100
171 39.3 31.5 47.3
170 26.0 20.8 31.2



#46
1,1'-Biphenyl
Concen: 44.286 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:154 Resp: 1295390
Ion Ratio Lower Upper
154 100
153 44.0 24.6 64.6
76 9.9 0.0 29.4

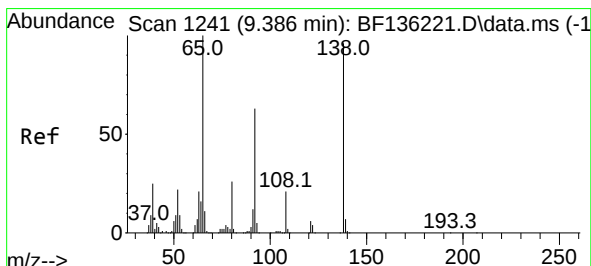
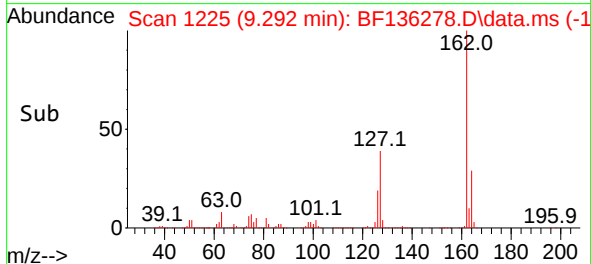
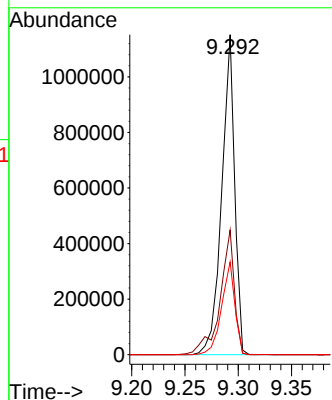
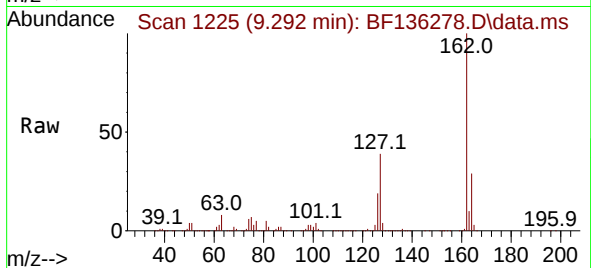




#47
2-Chloronaphthalene
Concen: 42.655 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

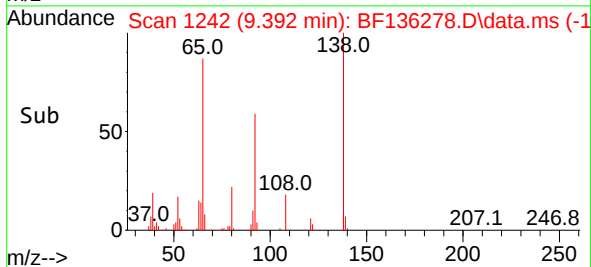
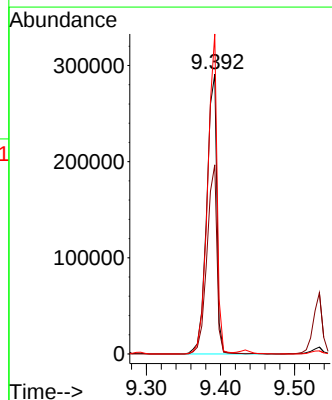
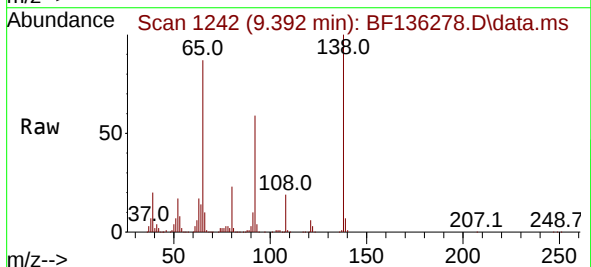
Instrument :
BNA_F
ClientSampleId :
PB157393BS

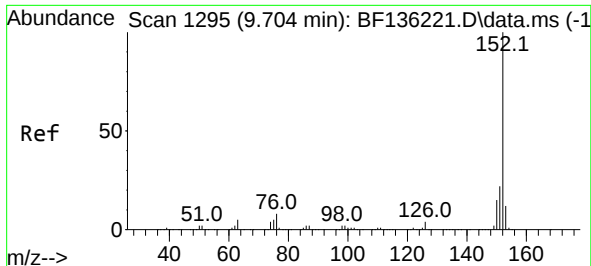
Tgt Ion:162 Resp: 968923
Ion Ratio Lower Upper
162 100
127 39.0 30.2 45.2
164 29.0 22.8 34.2



#48
2-Nitroaniline
Concen: 46.877 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion: 65 Resp: 278007
Ion Ratio Lower Upper
65 100
92 67.6 50.6 75.8
138 114.4 76.7 115.1

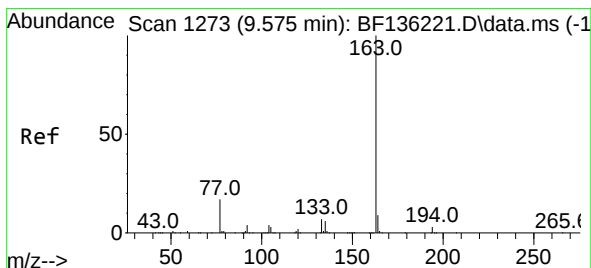
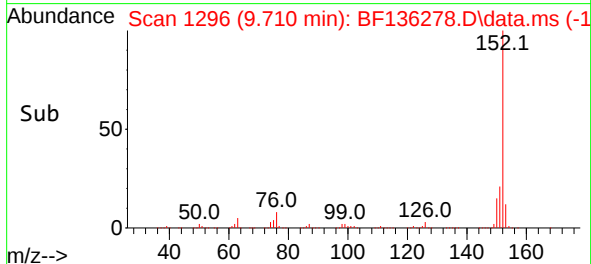
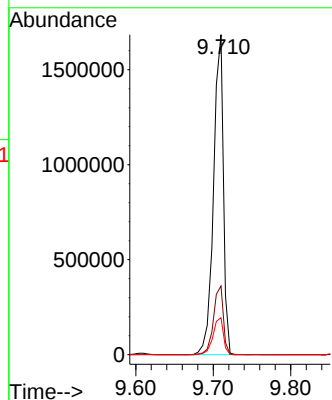
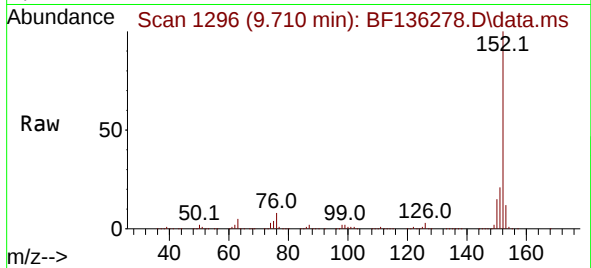




#49
Acenaphthylene
Concen: 45.836 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

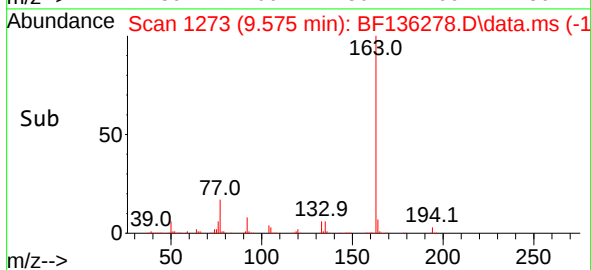
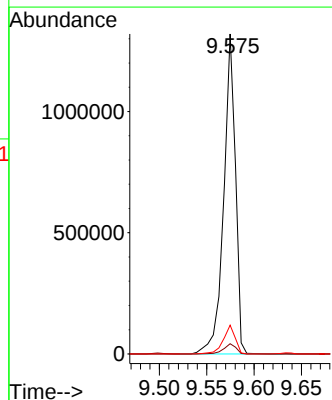
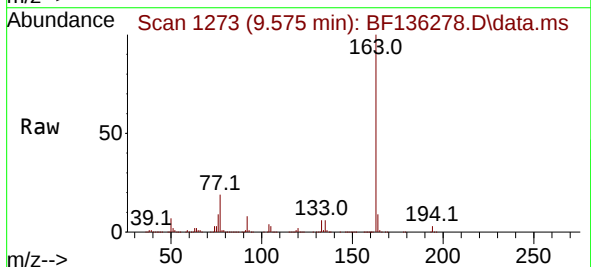
Instrument :
BNA_F
ClientSampleId :
PB157393BS

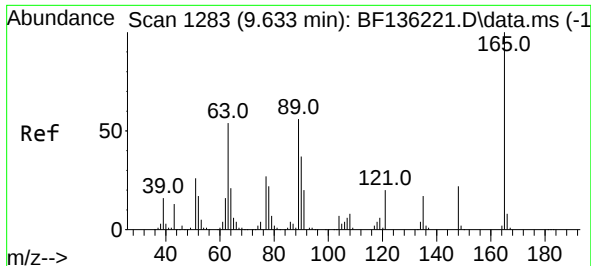
Tgt Ion:152 Resp: 1485831
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 11.6 9.6 14.4



#50
Dimethylphthalate
Concen: 45.565 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:163 Resp: 1142323
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 9.0 7.0 10.6

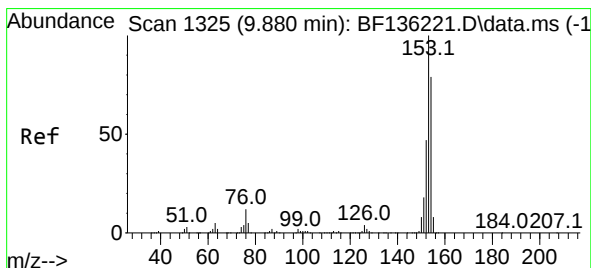
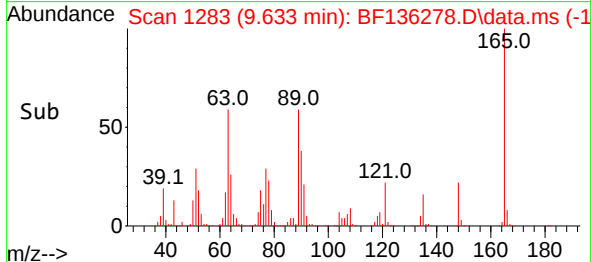
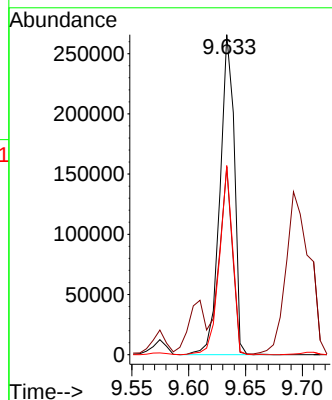
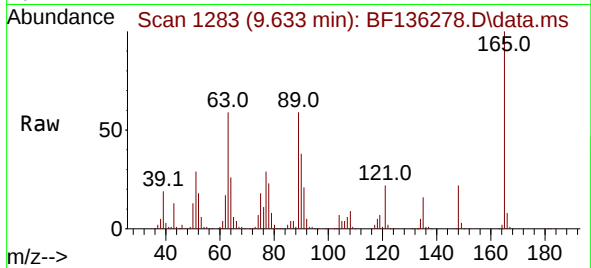




#51
2,6-Dinitrotoluene
Concen: 45.746 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

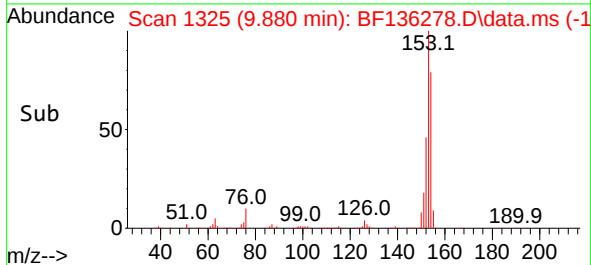
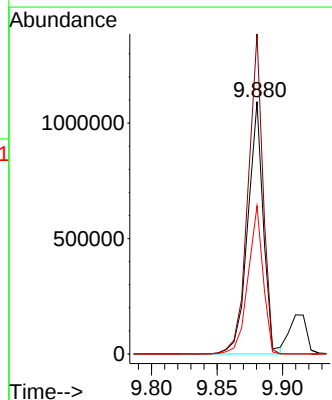
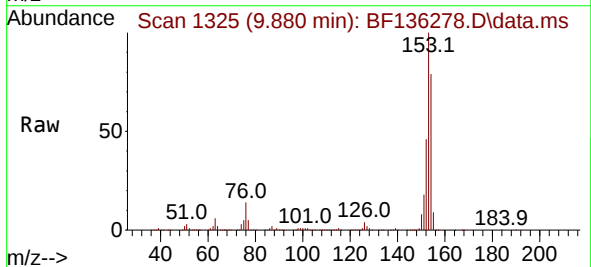
Instrument :
BNA_F
ClientSampleId :
PB157393BS

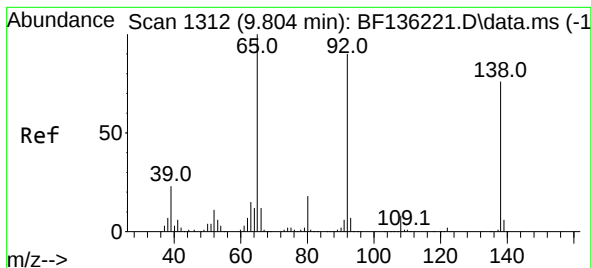
Tgt Ion:165 Resp: 234292
Ion Ratio Lower Upper
165 100
63 58.7 46.2 69.2
89 59.1 44.9 67.3



#52
Acenaphthene
Concen: 44.011 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:154 Resp: 901592
Ion Ratio Lower Upper
154 100
153 126.9 100.8 151.2
152 58.8 47.0 70.6





#53

3-Nitroaniline

Concen: 38.822 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

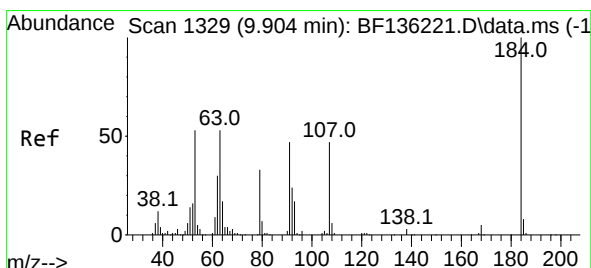
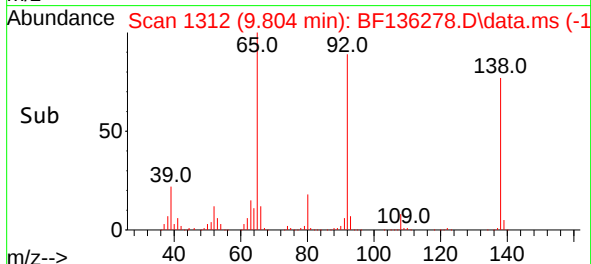
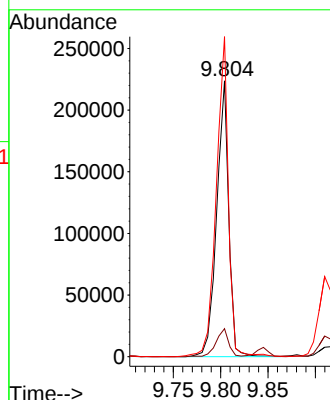
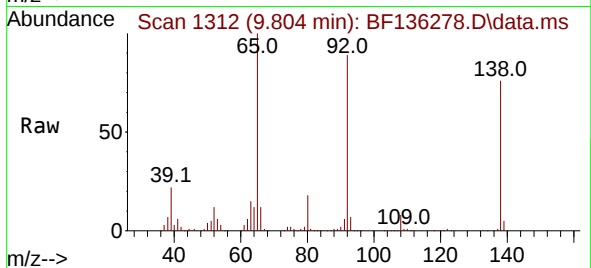
Tgt Ion:138 Resp: 197287

Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

92 116.0 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 108.411 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.012 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

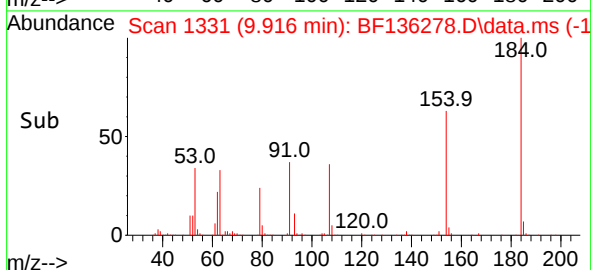
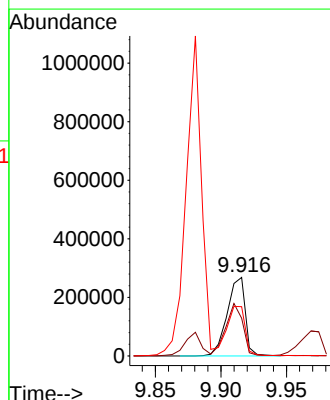
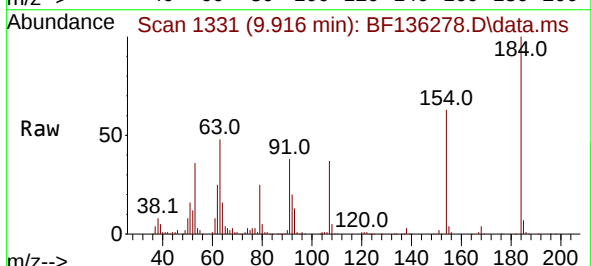
Tgt Ion:184 Resp: 258235

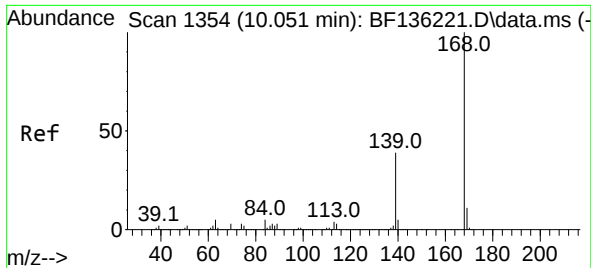
Ion Ratio Lower Upper

184 100

63 48.0 55.0 82.4#

154 62.7 54.9 82.3

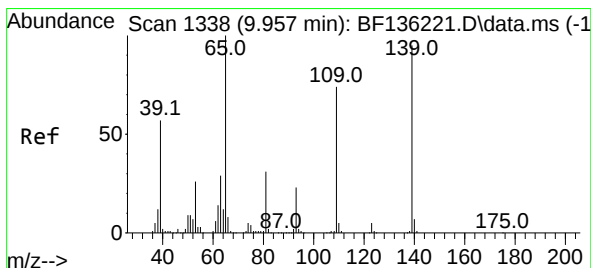
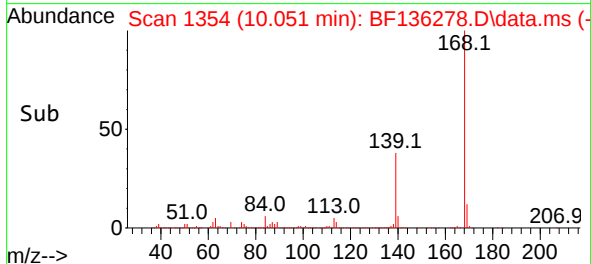
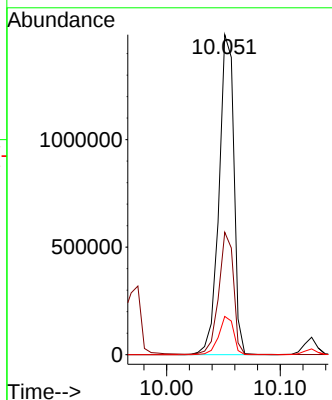
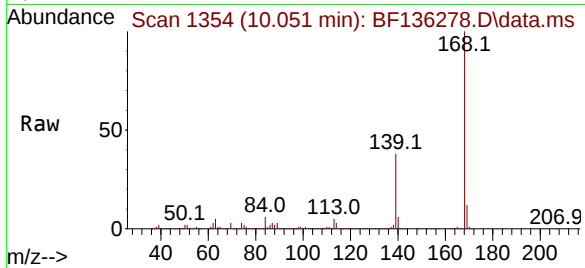




#55
Dibenzenofuran
Concen: 44.651 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

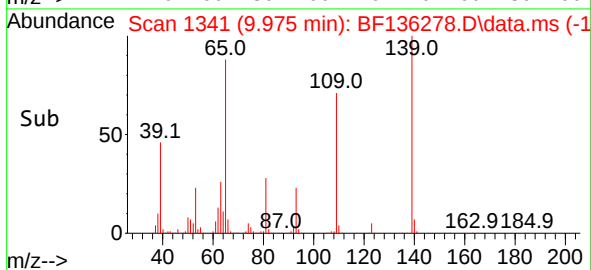
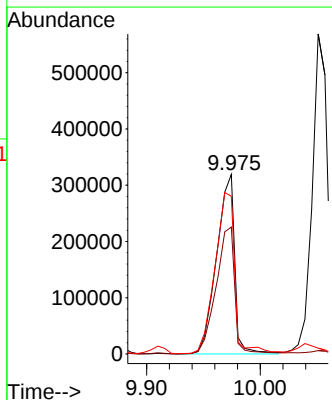
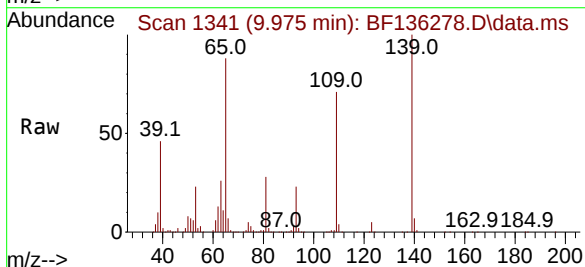
Instrument :
BNA_F
ClientSampleId :
PB157393BS

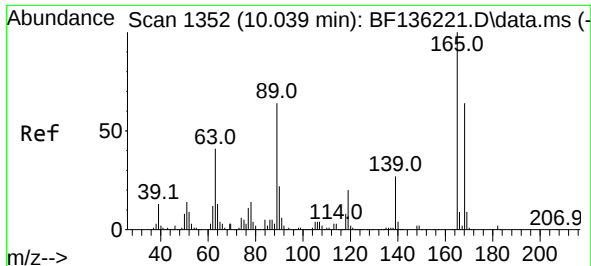
Tgt Ion:168 Resp: 1361087
Ion Ratio Lower Upper
168 100
139 38.2 30.9 46.3
169 11.9 9.1 13.7



#56
4-Nitrophenol
Concen: 91.605 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:139 Resp: 353563
Ion Ratio Lower Upper
139 100
109 70.7 57.8 97.8
65 87.9 86.0 126.0

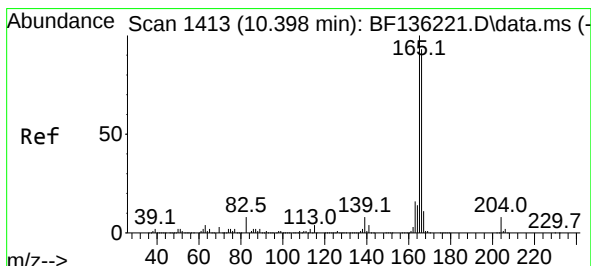
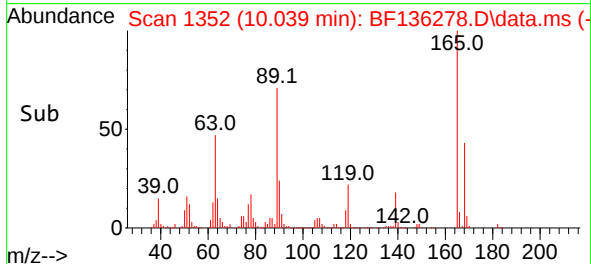
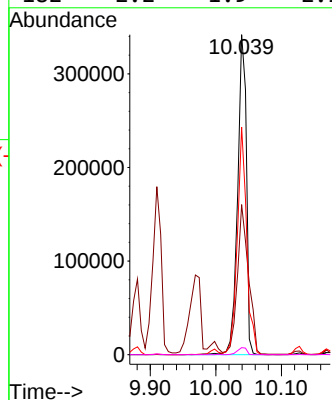
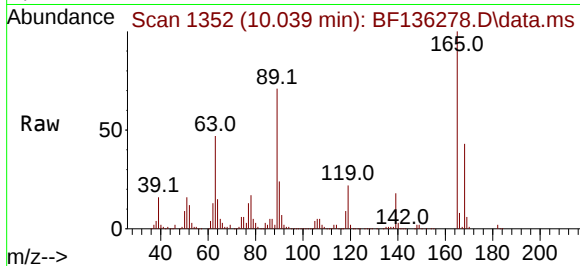




#57
2,4-Dinitrotoluene
Concen: 46.469 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

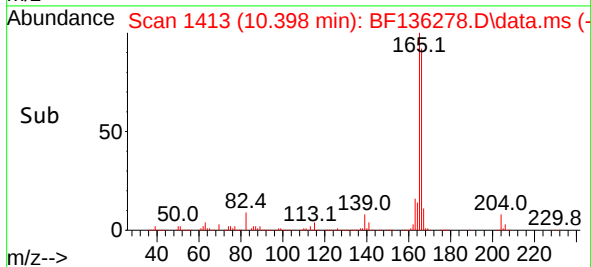
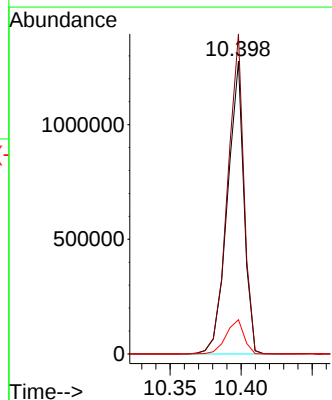
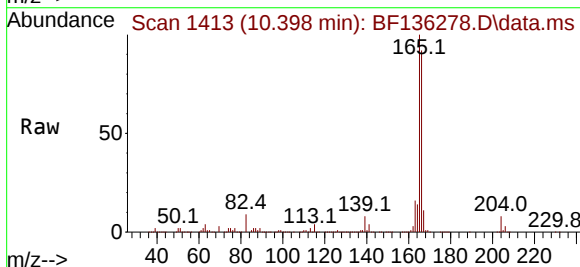
Instrument :
BNA_F
ClientSampleId :
PB157393BS

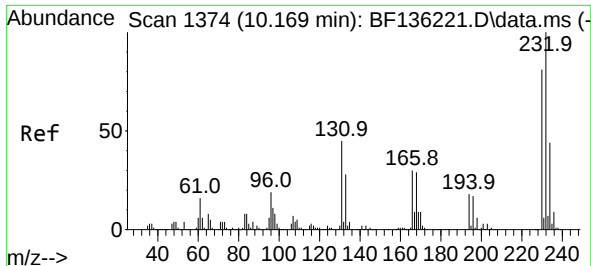
Tgt Ion:165 Resp: 317910
Ion Ratio Lower Upper
165 100
63 46.9 33.0 49.4
89 71.2 51.5 77.3
182 2.2 1.9 2.9



#58
Fluorene
Concen: 43.235 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:166 Resp: 1033773
Ion Ratio Lower Upper
166 100
165 109.3 86.2 129.4
167 11.7 9.1 13.7

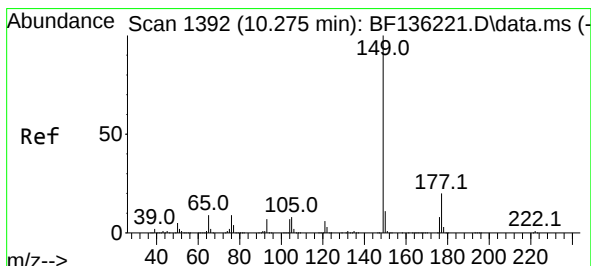
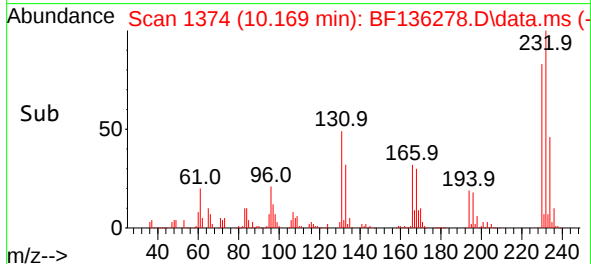
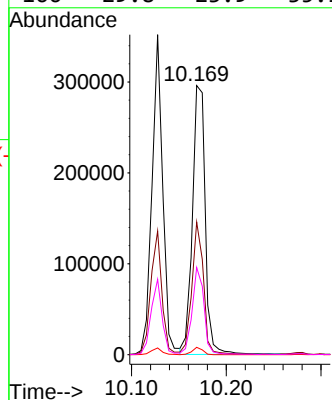
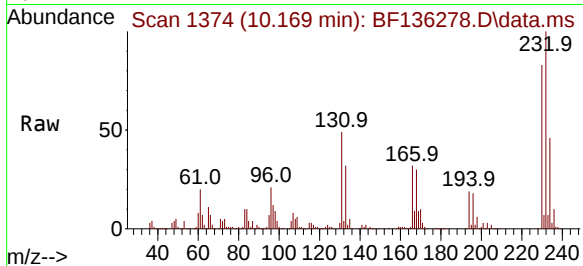




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.864 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

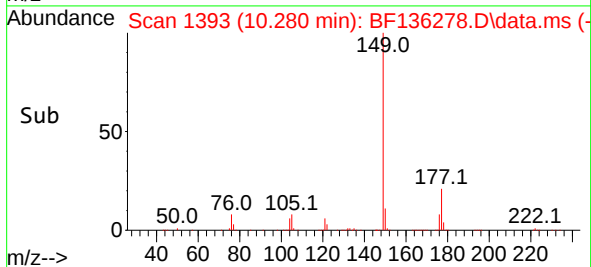
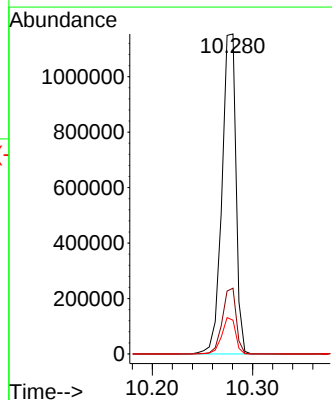
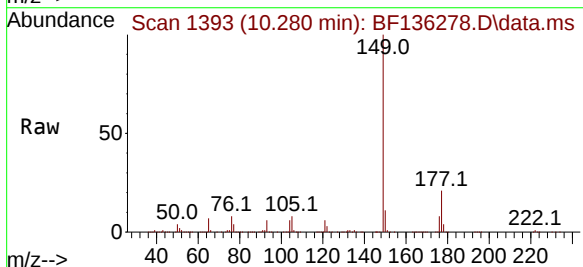
Instrument :
BNA_F
ClientSampleId :
PB157393BS

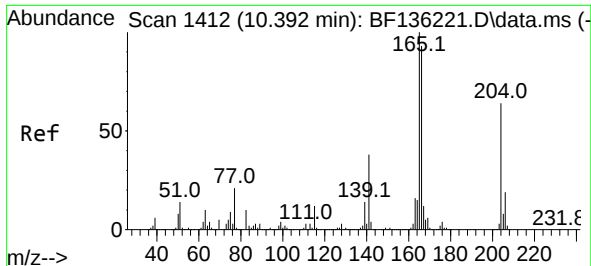
Tgt Ion:232 Resp: 278808
Ion Ratio Lower Upper
232 100
131 44.6 36.4 54.6
130 2.2 1.9 2.9
166 29.8 23.9 35.9



#60
Diethylphthalate
Concen: 44.561 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:149 Resp: 1117489
Ion Ratio Lower Upper
149 100
177 20.6 15.8 23.6
150 10.6 8.8 13.2

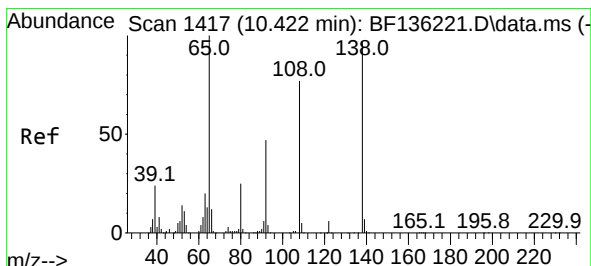
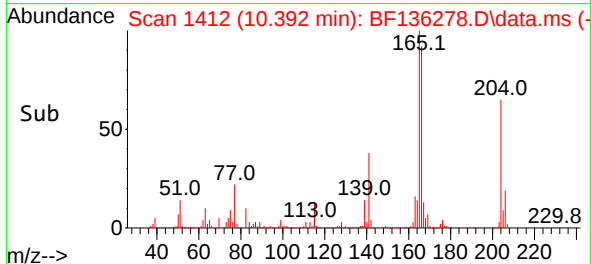
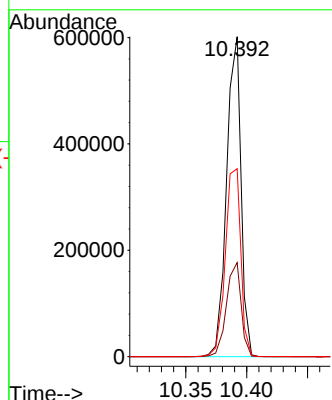
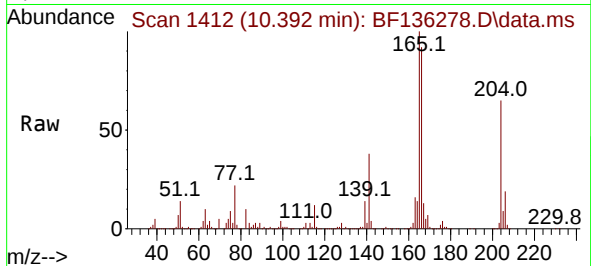




#61
4-Chlorophenyl-phenylether
Concen: 42.778 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

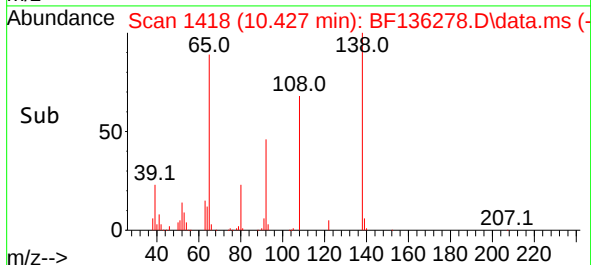
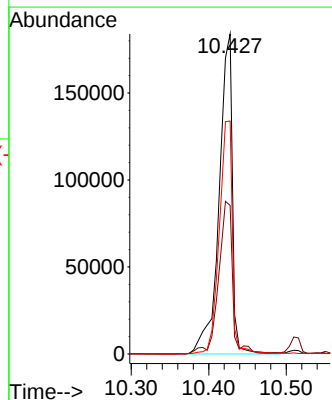
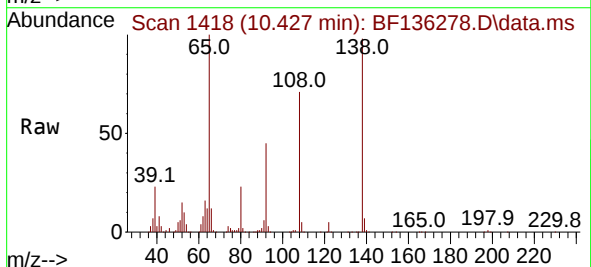
Instrument :
BNA_F
ClientSampleId :
PB157393BS

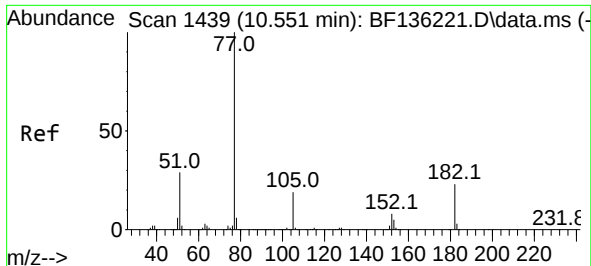
Tgt Ion:204 Resp: 496731
Ion Ratio Lower Upper
204 100
206 29.4 23.4 35.0
141 58.7 47.6 71.4



#62
4-Nitroaniline
Concen: 44.030 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:138 Resp: 219020
Ion Ratio Lower Upper
138 100
92 46.4 28.5 68.5
108 72.8 59.8 99.8



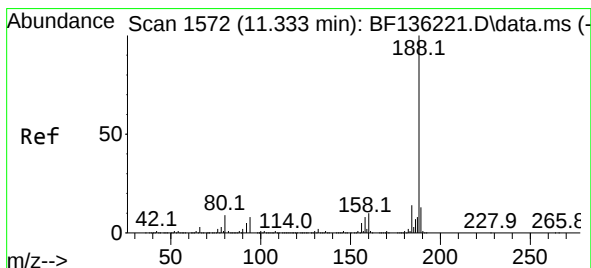
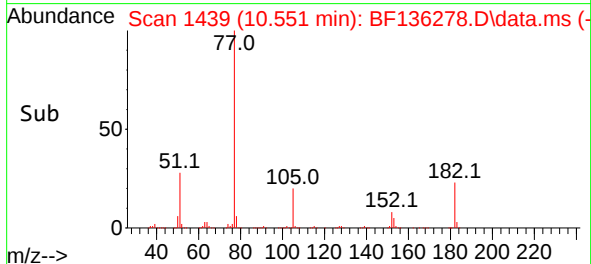
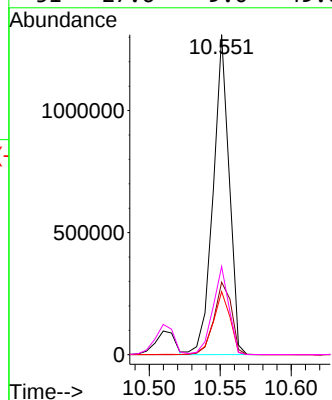
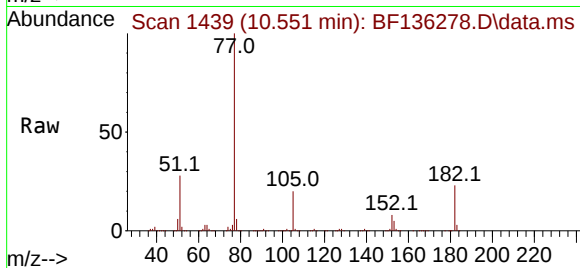


#63
Azobenzene
Concen: 44.242 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Instrument :
BNA_F
ClientSampleId :
PB157393BS

Tgt Ion: 77 Resp: 1028597

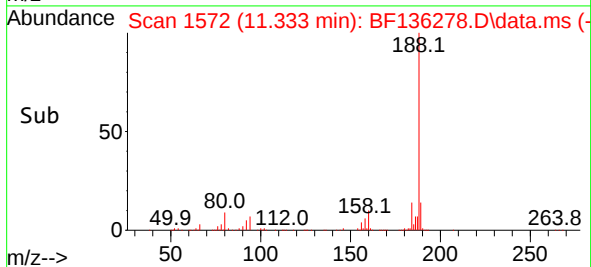
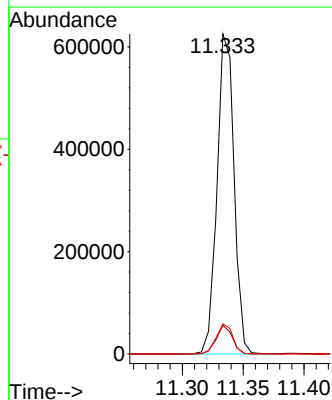
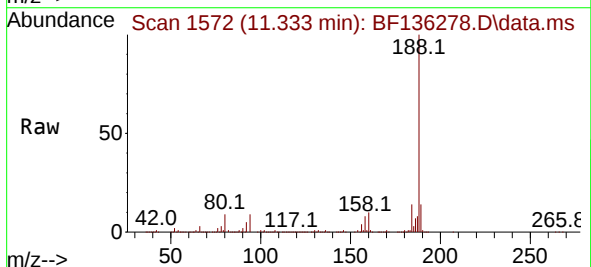
Ion	Ratio	Lower	Upper
77	100		
182	22.7	3.3	43.3
105	19.7	0.0	39.5
51	27.6	9.0	49.0

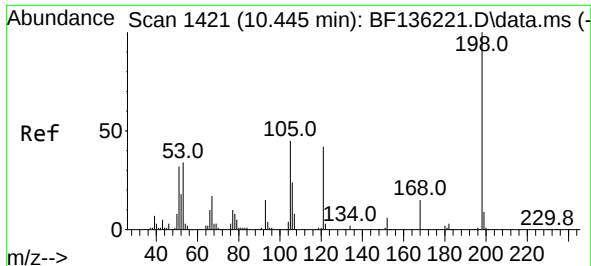


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion: 188 Resp: 610571

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	9.5	7.2	10.8

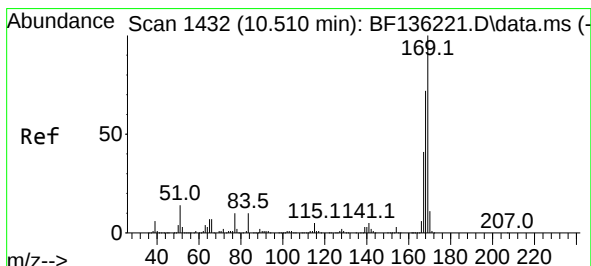
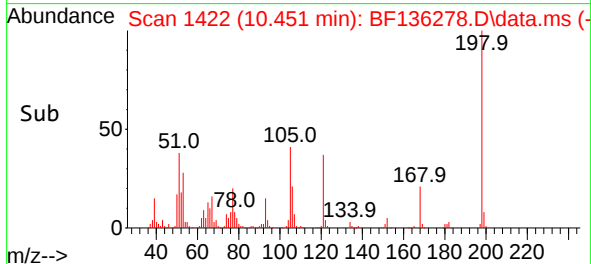
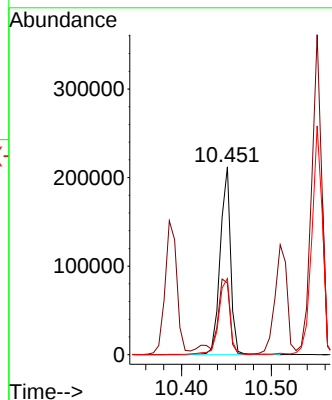
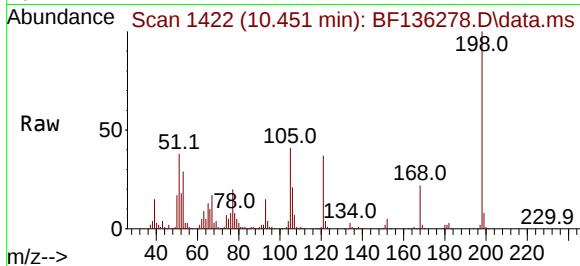




#65
4,6-Dinitro-2-methylphenol
Concen: 51.023 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

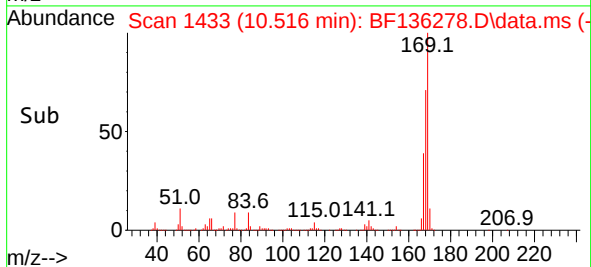
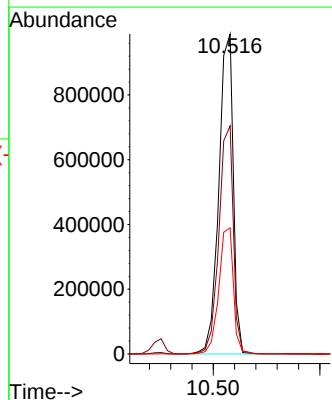
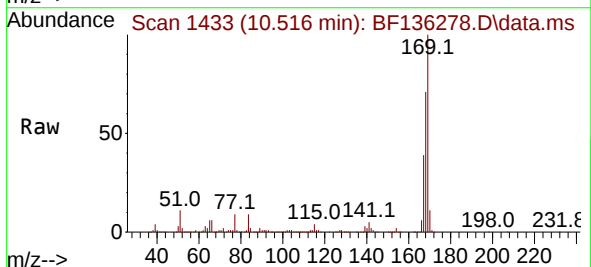
Instrument :
BNA_F
ClientSampleId :
PB157393BS

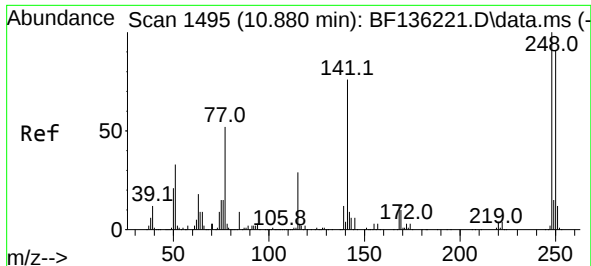
Tgt Ion:198 Resp: 170360
Ion Ratio Lower Upper
198 100
51 38.2 28.2 68.2
105 40.5 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 47.137 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:169 Resp: 922309
Ion Ratio Lower Upper
169 100
168 71.3 57.8 86.6
167 39.4 32.7 49.1

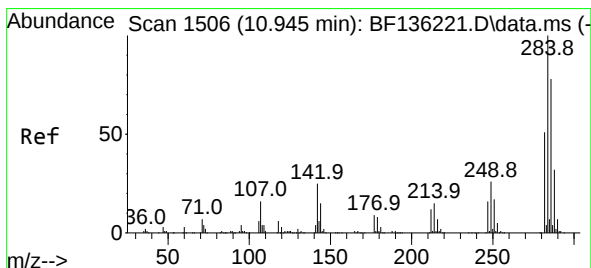
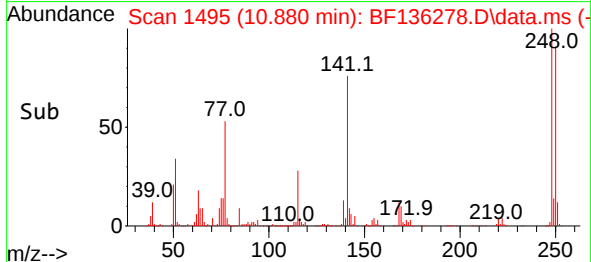
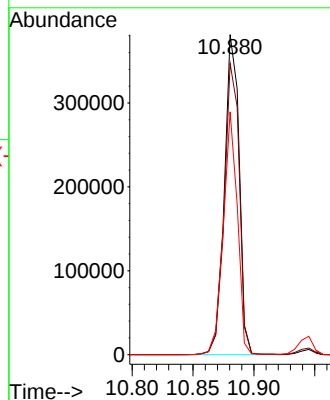
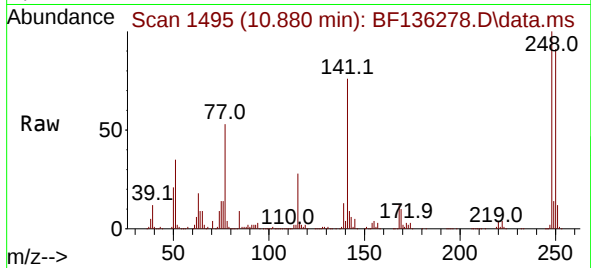




#67
4-Bromophenyl-phenylether
Concen: 45.399 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

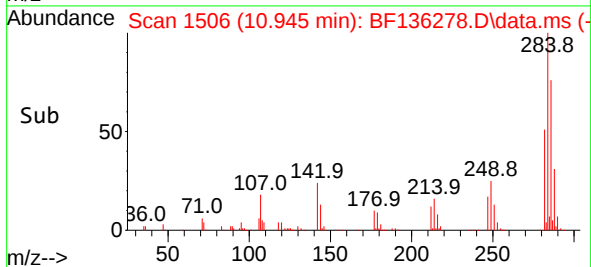
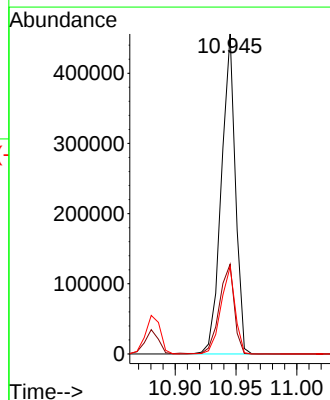
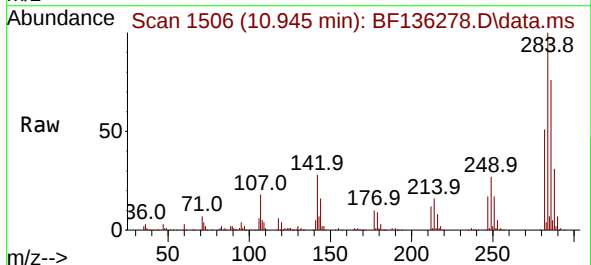
Instrument :
BNA_F
ClientSampleId :
PB157393BS

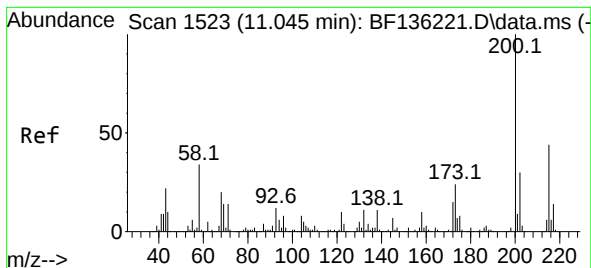
Tgt Ion:248 Resp: 323391
Ion Ratio Lower Upper
248 100
250 91.0 72.5 108.7
141 75.9 60.8 91.2



#68
Hexachlorobenzene
Concen: 44.442 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:284 Resp: 366395
Ion Ratio Lower Upper
284 100
142 28.0 19.8 29.8
249 27.2 21.0 31.4





#69

Atrazine

Concen: 31.136 ng

RT: 11.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

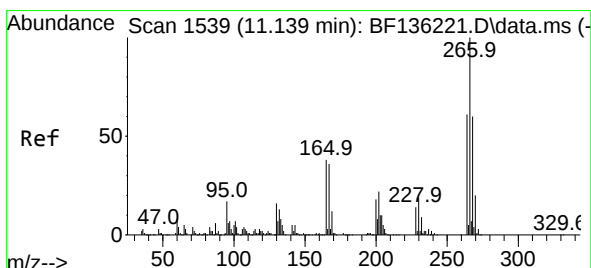
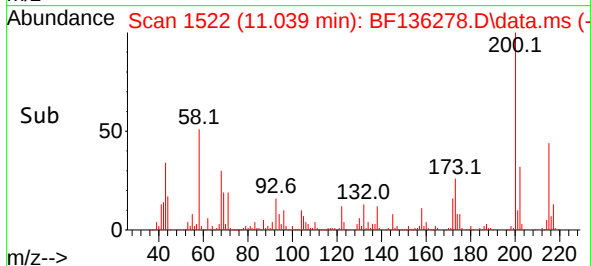
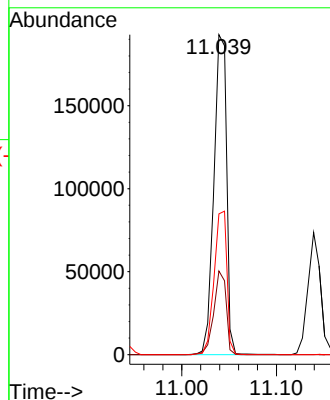
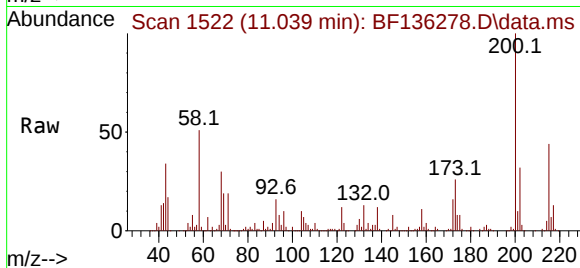
Tgt Ion:200 Resp: 180724

Ion Ratio Lower Upper

200 100

173 26.2 4.3 44.3

215 44.0 23.8 63.8



#70

Pentachlorophenol

Concen: 84.153 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

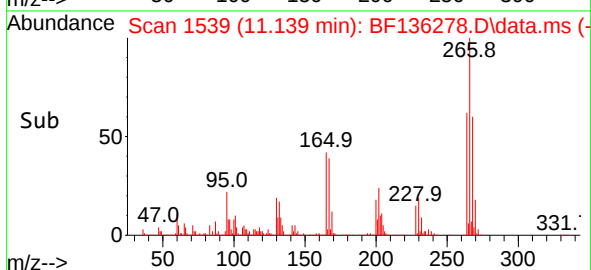
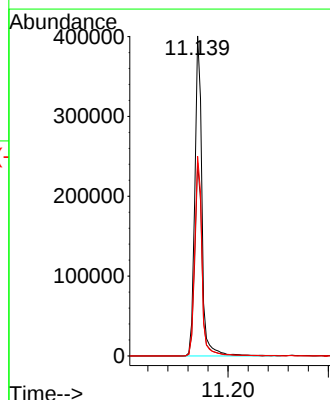
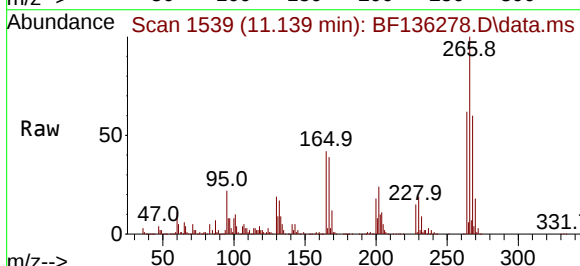
Tgt Ion:266 Resp: 392164

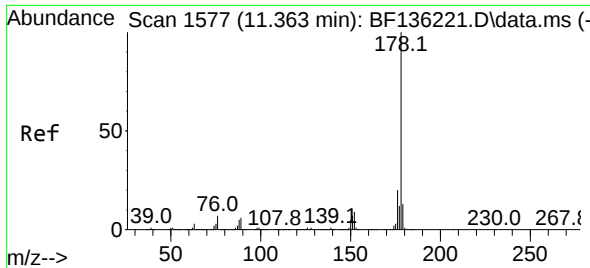
Ion Ratio Lower Upper

266 100

268 60.3 47.9 71.9

264 62.4 49.1 73.7

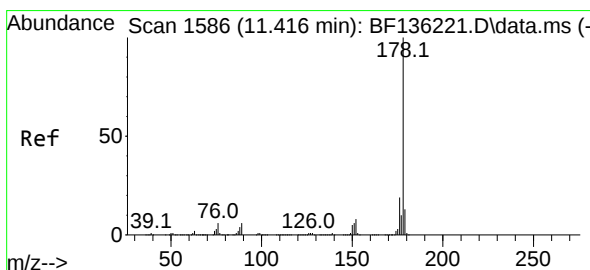
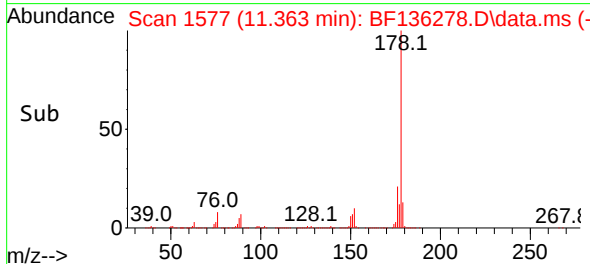
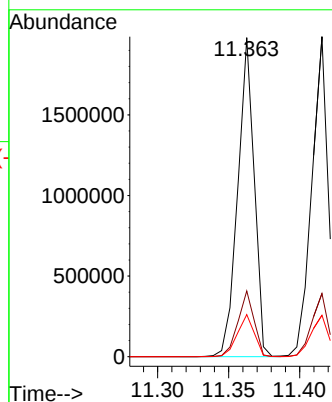
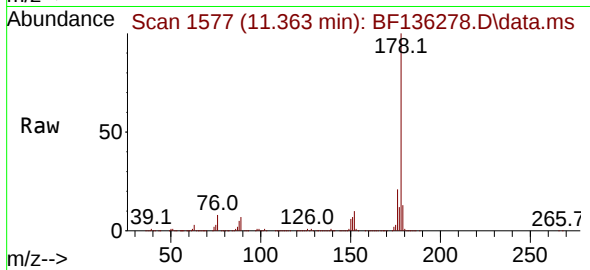




#71
Phenanthrene
Concen: 46.563 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

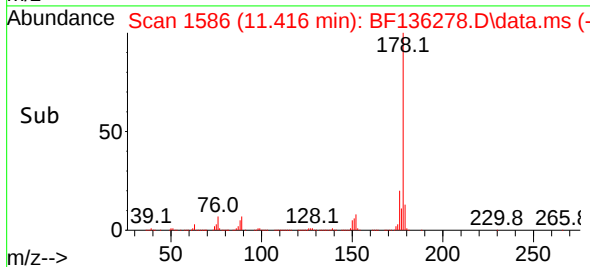
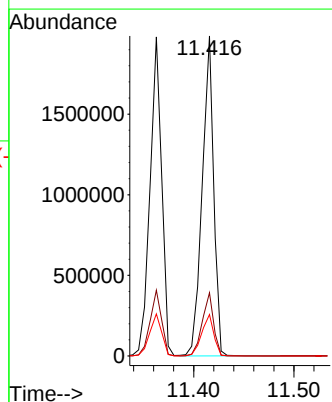
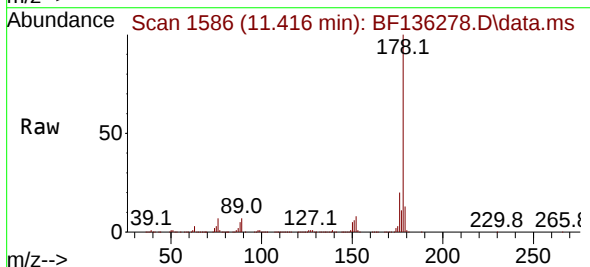
Instrument :
BNA_F
ClientSampleId :
PB157393BS

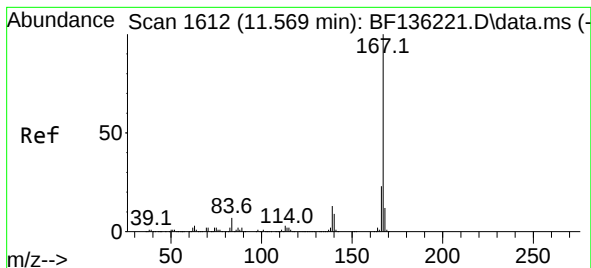
Tgt Ion:178 Resp: 1597907
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.2
179 13.2 10.3 15.5



#72
Anthracene
Concen: 46.154 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:178 Resp: 1588343
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 13.0 10.5 15.7





#73

Carbazole

Concen: 44.041 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

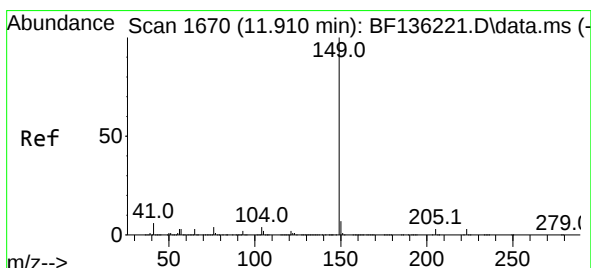
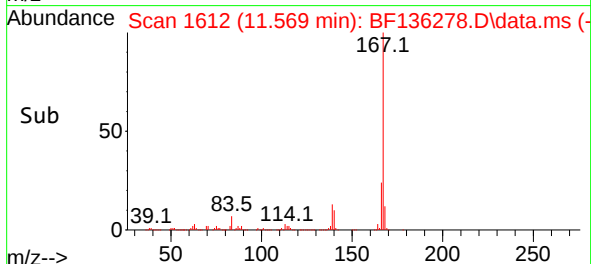
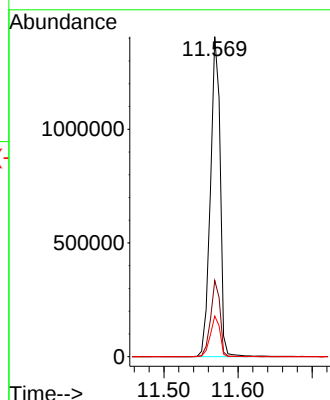
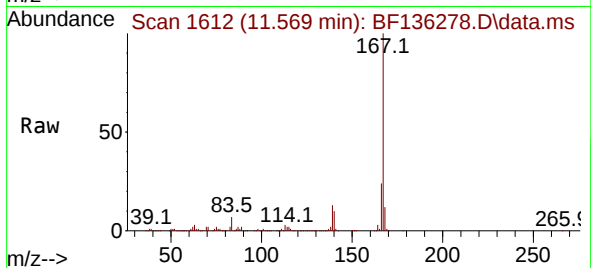
Tgt Ion:167 Resp: 1289035

Ion Ratio Lower Upper

167 100

166 23.8 18.4 27.6

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.757 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

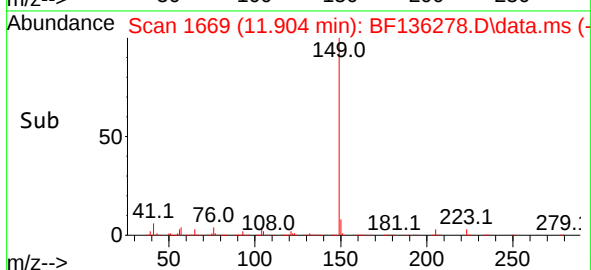
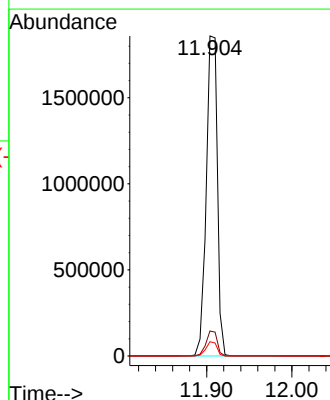
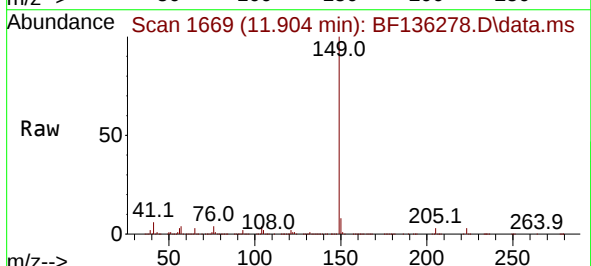
Tgt Ion:149 Resp: 1675702

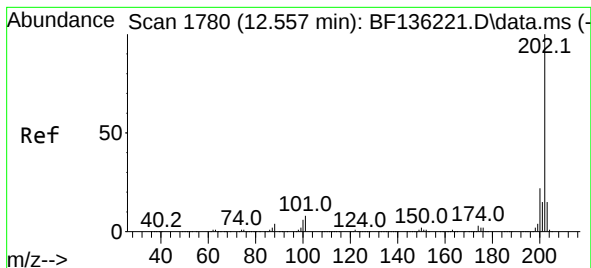
Ion Ratio Lower Upper

149 100

150 7.8 6.0 9.0

104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 41.638 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

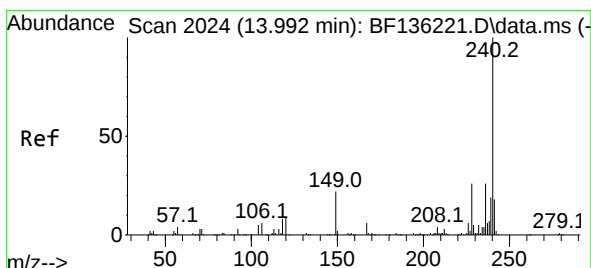
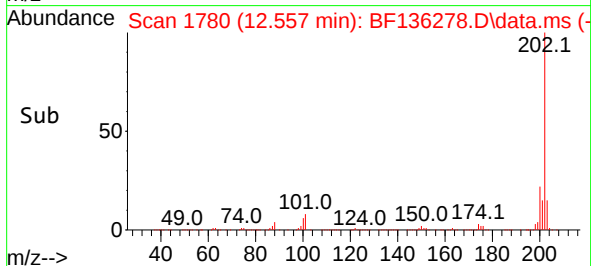
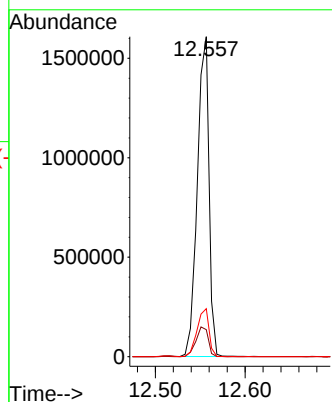
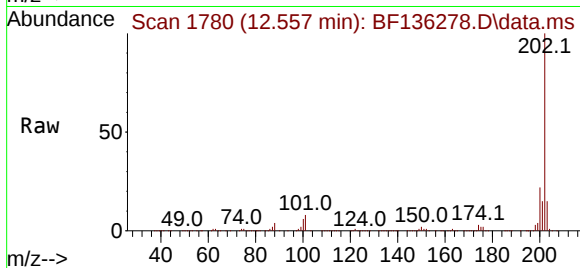
Tgt Ion:202 Resp: 1450547

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.8

203 15.0 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

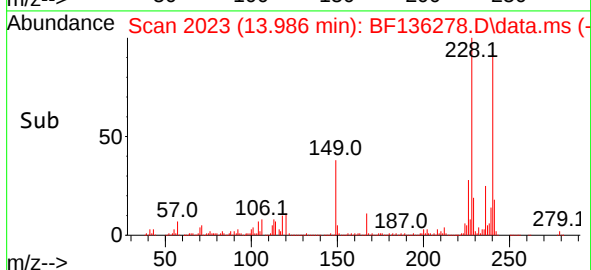
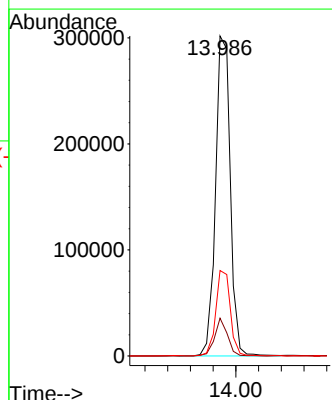
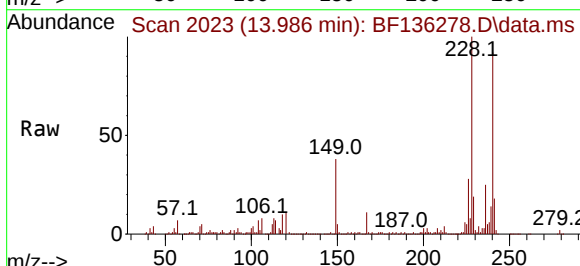
Tgt Ion:240 Resp: 272004

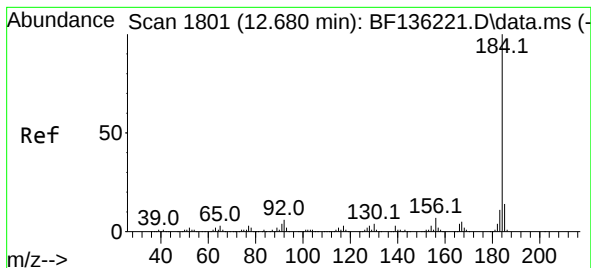
Ion Ratio Lower Upper

240 100

120 11.8 7.4 11.2#

236 26.7 21.1 31.7





#77

Benzidine

Concen: 45.160 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

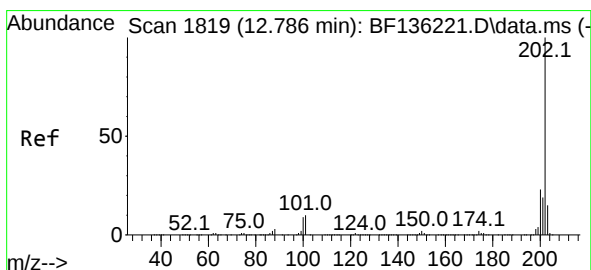
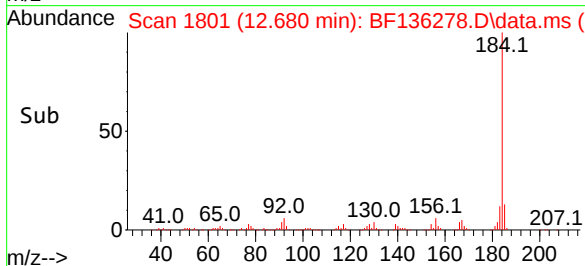
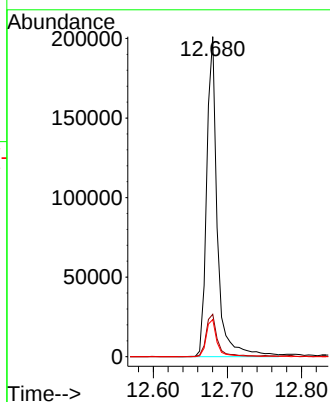
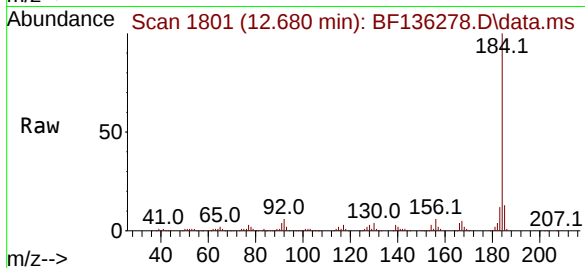
Tgt Ion:184 Resp: 201923

Ion Ratio Lower Upper

184 100

185 13.2 11.0 16.6

183 11.6 9.0 13.4



#78

Pyrene

Concen: 48.077 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

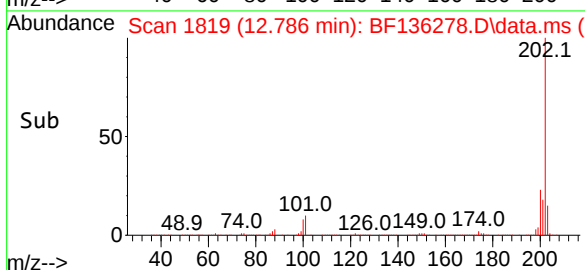
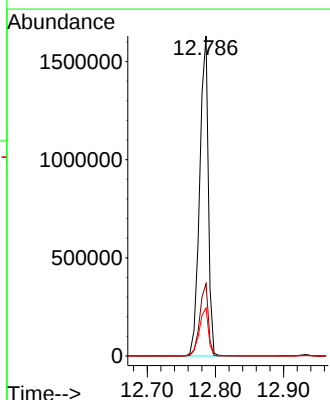
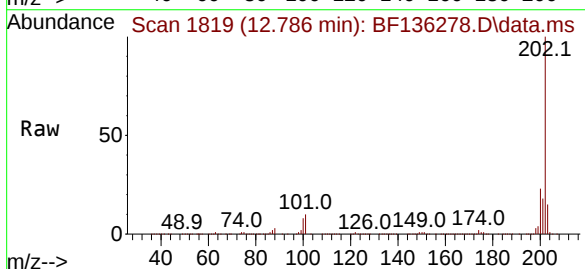
Tgt Ion:202 Resp: 1432188

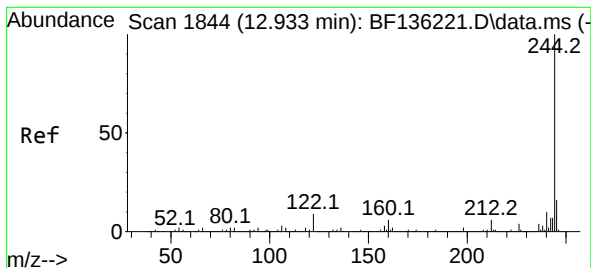
Ion Ratio Lower Upper

202 100

200 22.6 18.4 27.6

203 15.0 11.8 17.6





#79

Terphenyl-d14

Concen: 92.777 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

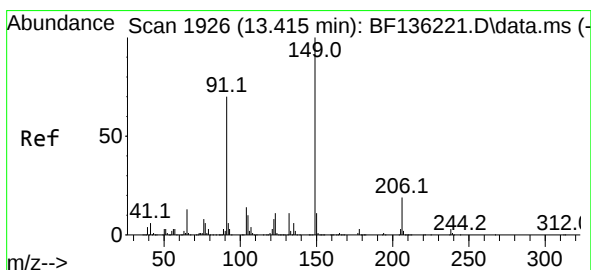
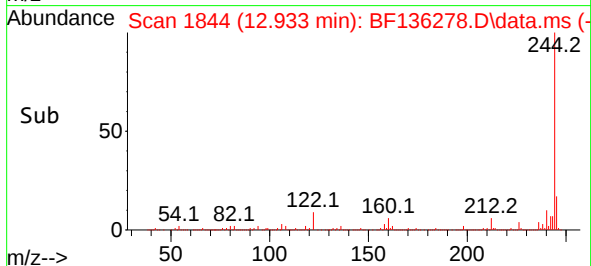
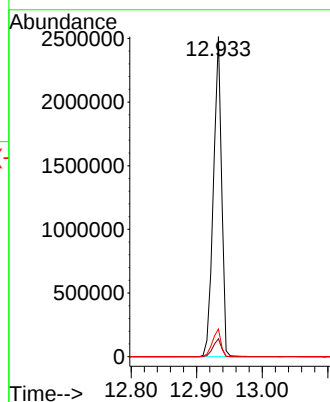
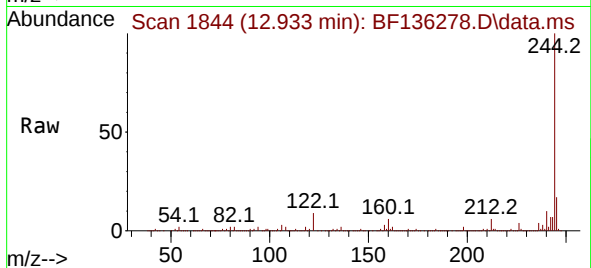
Tgt Ion:244 Resp: 2187783

Ion Ratio Lower Upper

244 100

212 5.6 4.6 7.0

122 8.6 7.3 10.9



#80

Butylbenzylphthalate

Concen: 48.280 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

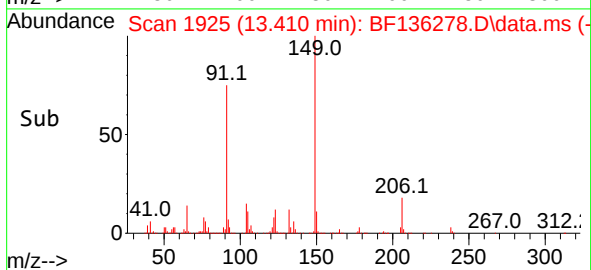
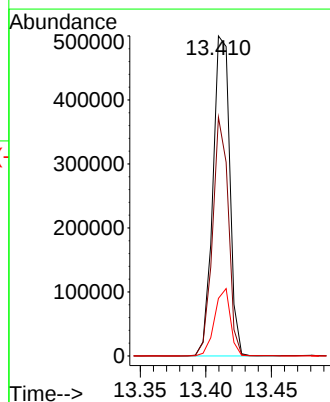
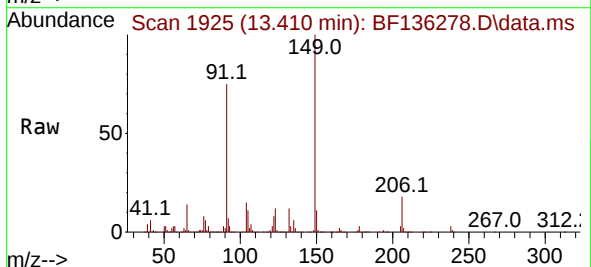
Tgt Ion:149 Resp: 447613

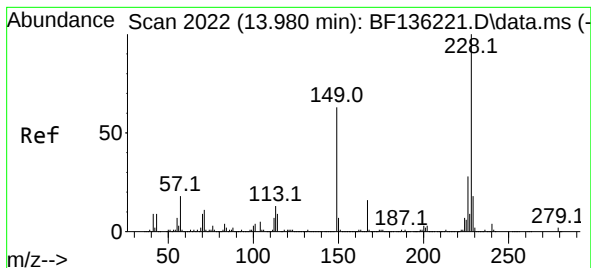
Ion Ratio Lower Upper

149 100

91 74.6 56.4 84.6

206 18.0 14.8 22.2





#81

Benzo(a)anthracene

Concen: 45.485 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

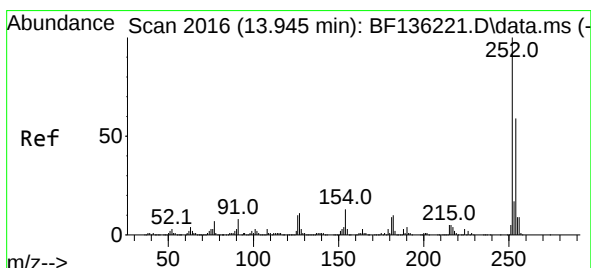
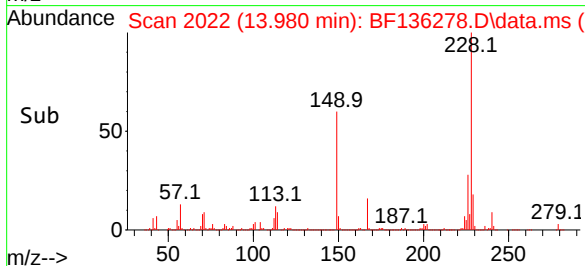
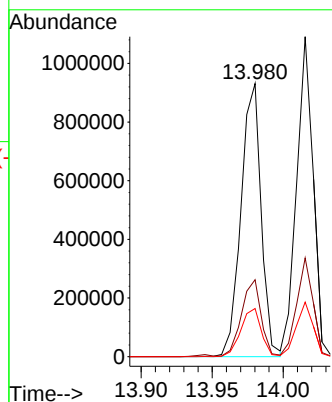
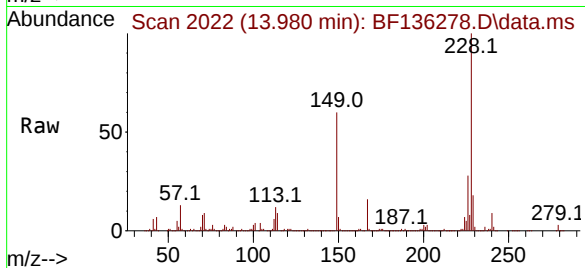
Tgt Ion:228 Resp: 918960

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

229 17.7 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 59.407 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

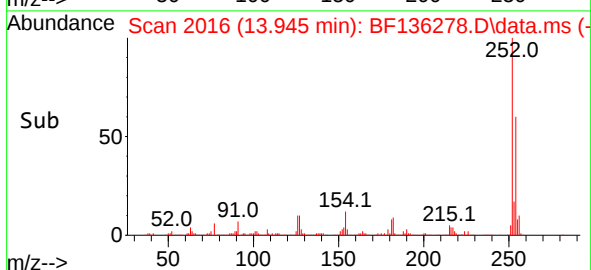
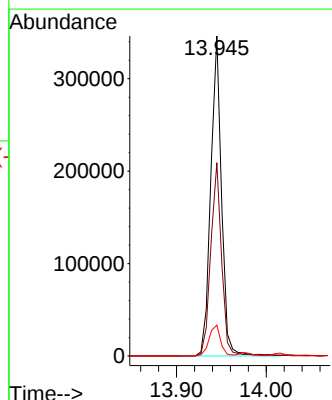
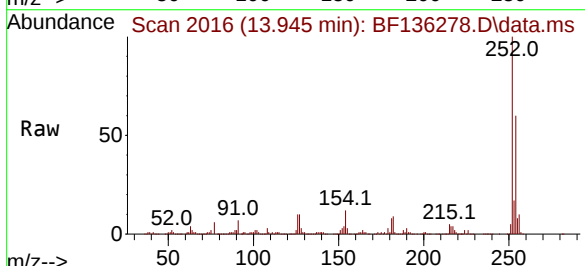
Tgt Ion:252 Resp: 288914

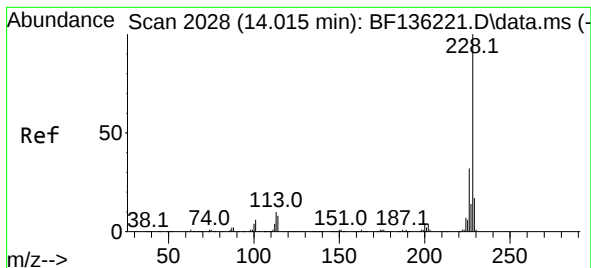
Ion Ratio Lower Upper

252 100

254 60.4 47.4 71.2

126 9.6 8.3 12.5





#83

Chrysene

Concen: 45.465 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

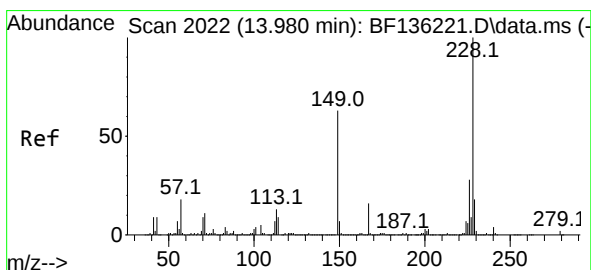
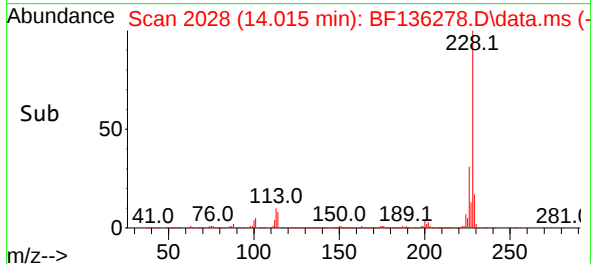
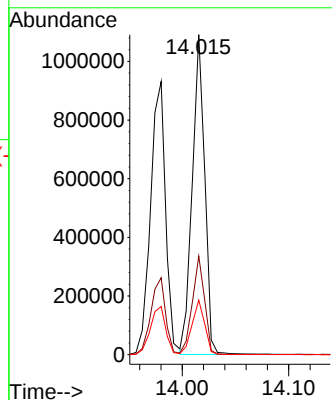
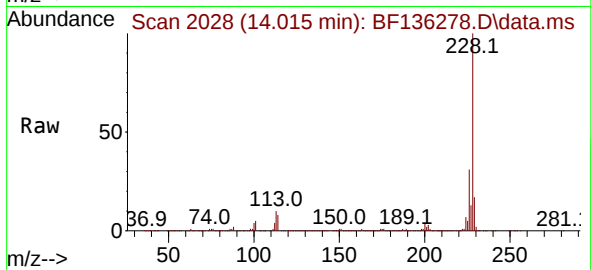
Tgt Ion:228 Resp: 886896

Ion Ratio Lower Upper

228 100

226 30.8 25.5 38.3

229 17.1 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.850 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

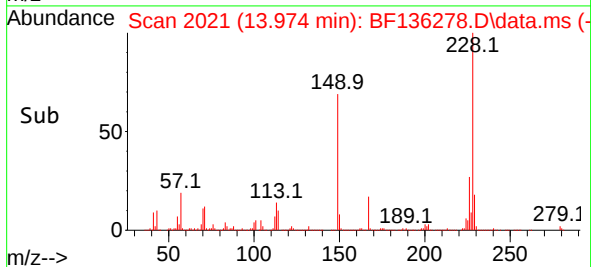
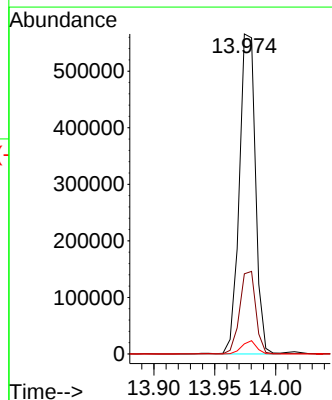
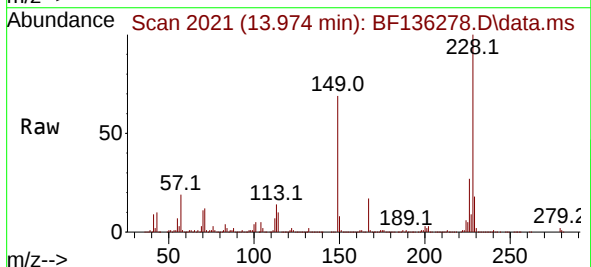
Tgt Ion:149 Resp: 521280

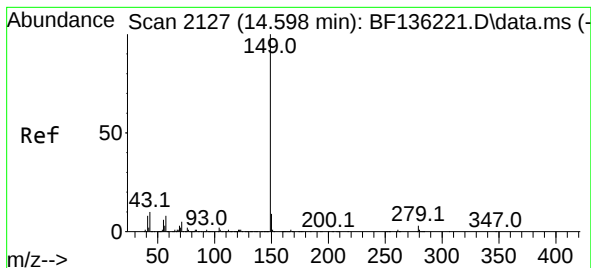
Ion Ratio Lower Upper

149 100

167 25.1 20.2 30.2

279 3.1 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 49.834 ng

RT: 14.598 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB157393BS

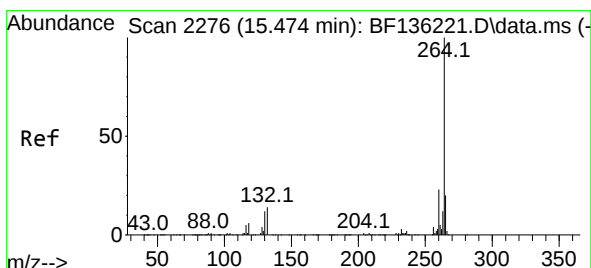
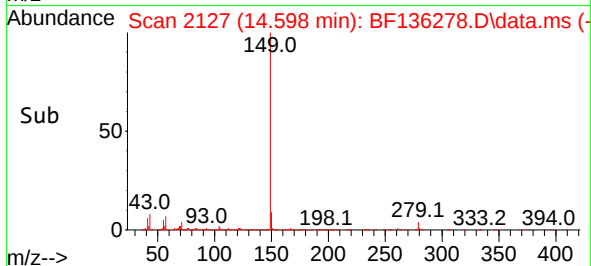
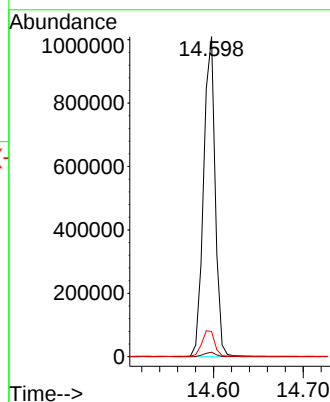
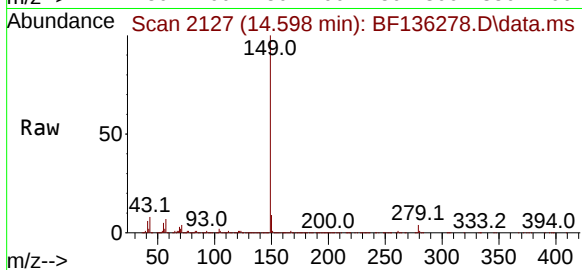
Tgt Ion:149 Resp: 904523

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.9 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136278.D

Acq: 29 Nov 2023 12:18

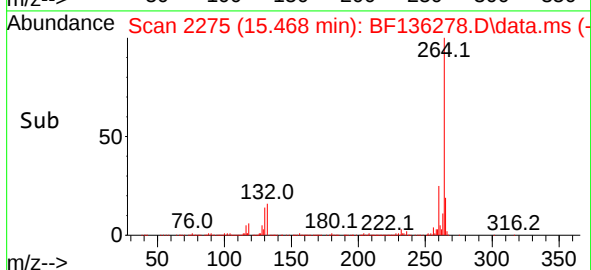
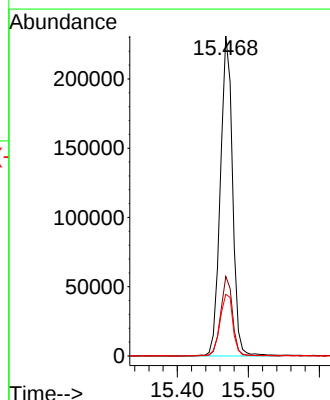
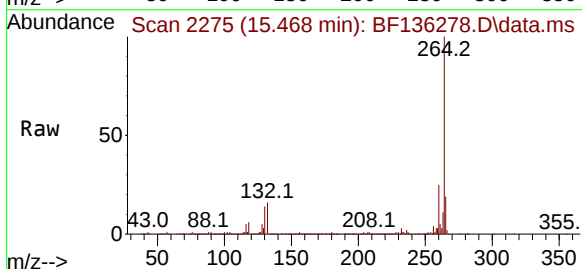
Tgt Ion:264 Resp: 274189

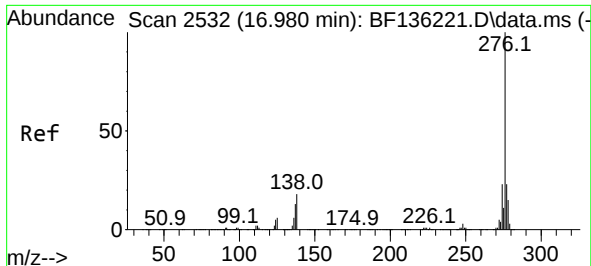
Ion Ratio Lower Upper

264 100

260 24.8 18.6 27.8

265 19.3 15.7 23.5

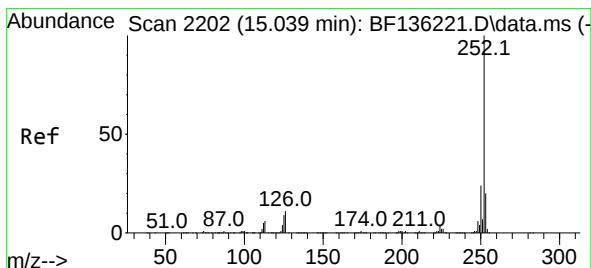
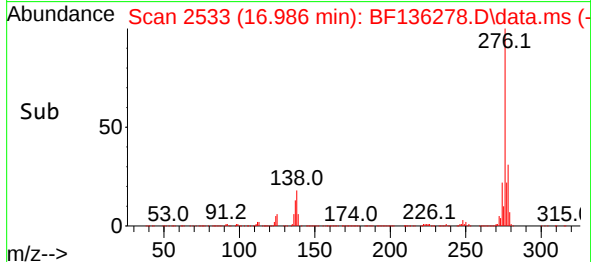
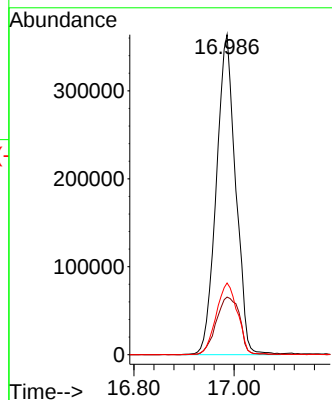
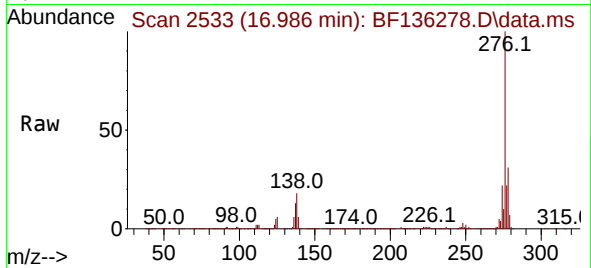




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.567 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

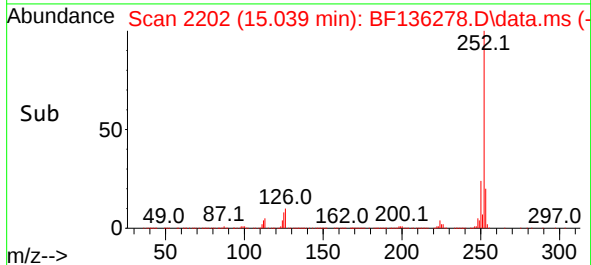
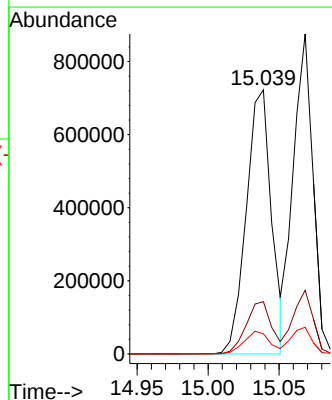
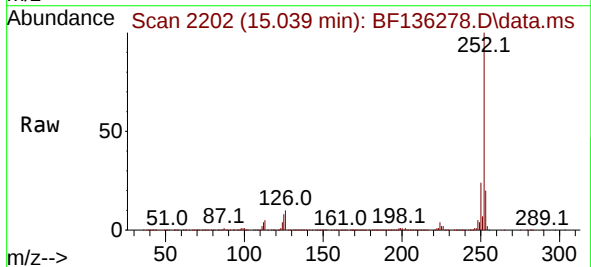
Instrument :
BNA_F
ClientSampleId :
PB157393BS

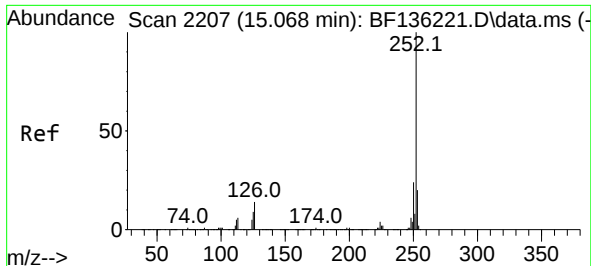
Tgt Ion:276 Resp: 974357
Ion Ratio Lower Upper
276 100
138 21.9 17.7 26.5
277 24.9 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 46.400 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:252 Resp: 892587
Ion Ratio Lower Upper
252 100
253 19.8 16.2 24.2
125 7.7 6.9 10.3

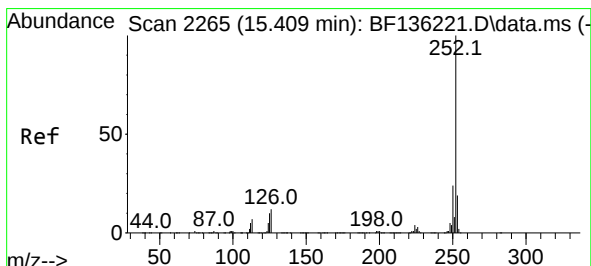
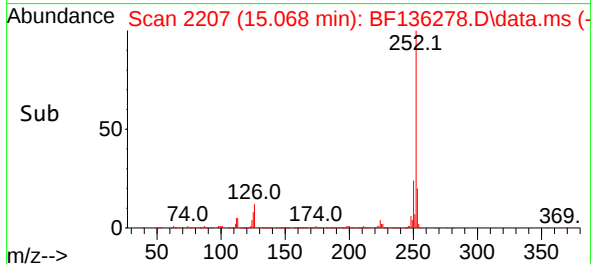
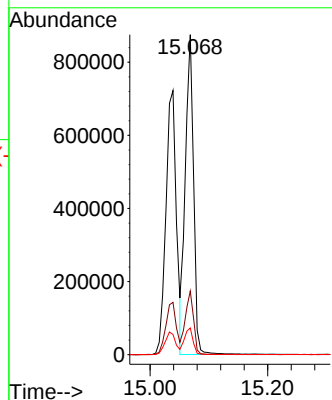
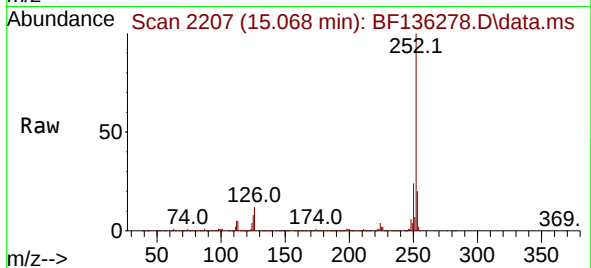




#89
Benzo(k)fluoranthene
Concen: 46.924 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

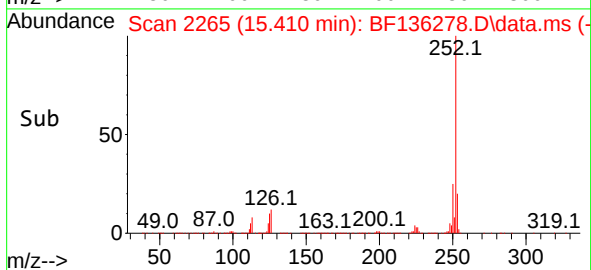
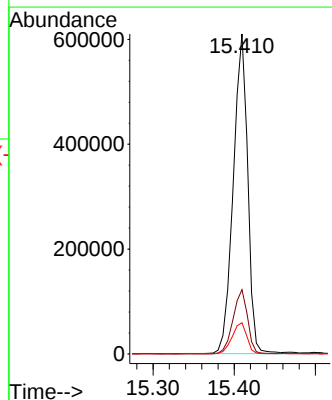
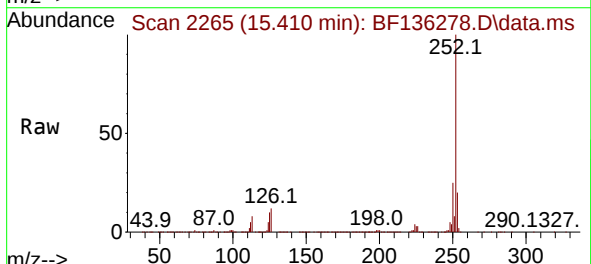
Instrument :
BNA_F
ClientSampleId :
PB157393BS

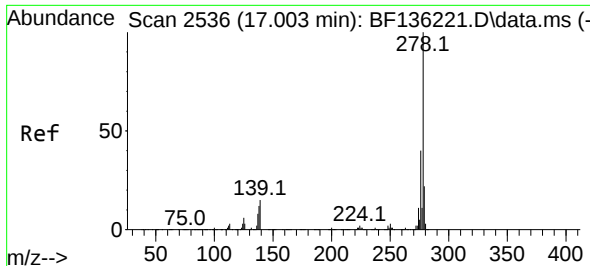
Tgt Ion:252 Resp: 857321
Ion Ratio Lower Upper
252 100
253 19.9 15.6 23.4
125 8.3 7.0 10.4



#90
Benzo(a)pyrene
Concen: 47.827 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:252 Resp: 752101
Ion Ratio Lower Upper
252 100
253 20.1 15.5 23.3
125 9.8 7.9 11.9



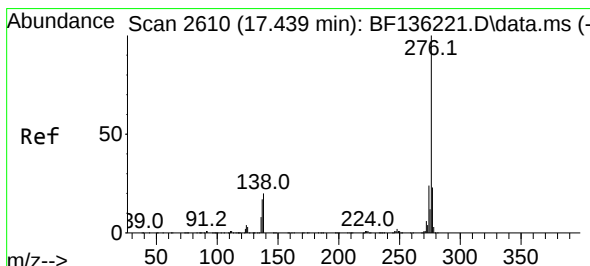
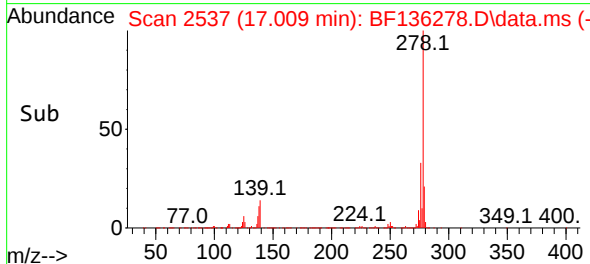
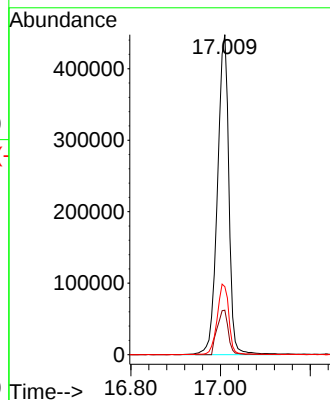
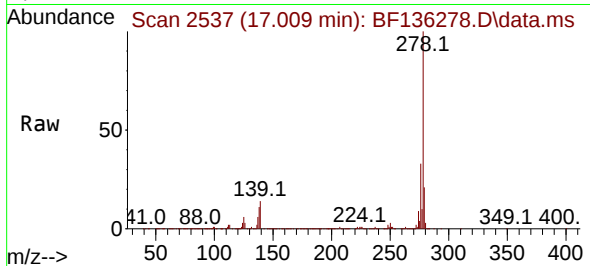


#91
Dibenzo(a,h)anthracene
Concen: 48.238 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Instrument :
BNA_F
ClientSampleId :
PB157393BS

Tgt Ion:278 Resp: 793723

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	21.2	17.8	26.8



#92
Benzo(g,h,i)perylene
Concen: 47.248 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF136278.D
Acq: 29 Nov 2023 12:18

Tgt Ion:276 Resp: 779374

Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.6	27.8
138	19.0	15.8	23.8

